

Toxoplasma

10-26-46

Tox. 301

stored in Tyrodex (2 brains)

11-4-46

Tox. 302

1 brain passaged
6 mice - i.c. & i.p.

3 live mice shipped to
Dr. Jay B. Cross
Belveston, Texas

BAP - 6 colonies

smear - gram neg. cocci

11/7 - 1 mouse sacrificed

BAP - 00

smear - no bact.

} no toxoplasma

11/9 - 1 mouse sacrificed

~~BAP~~

smear - heavy growth of cocci (Might stain)

11/11 - see below

11-9-46

Tox. 302a

1 brain of 10/26 passaged into 4 mice.
i.c. & i.p.

BAP - 13 small colonies

	1	2	3	4	5	6	7	8	9	10	11
x	1	-	-	-	-	-	-	-	-	-	-
a	2	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-	-	-	-

poor films BAP - 000
- chs BAP - 000
dec 11/26

11-11

Tox. 303

last brain of Tox. 302
passaged i.c. into
6 mice.

BAP - 00

smear - no bacteria; no Tox.

exudate (peritoneal) - toxoplasma present

	1	2	3	4	5	6	7	8	9	10	11	12
a	1	-	-	-	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-	-	-	-	-
	5	-	-	-	-	-	-	-	-	-	-	-
	6	-	-	-	-	-	-	-	-	-	-	-

Killed - Smear - Toxo - many present - passaged into 6 mice 3-4 wks.
Toxoplasma BAP (brain) - 000
BAP 000
dec 11/26

11-19-46

Vol. 304

passage of mouse "a" of Vol. 303
1 2 3 4 5 6

12 - - D

2 - - - CAS
 3 - - - CAS
 4 - - - CAS
 5 - - - CAS
 6 - - - ?

Sacrificed on 11/23/46
 stored in Tyrodes soln.
 Fox present on films

D

12-7-46

Vol. 305

2 brains of 11/19 passaged

1. cur. + 1. p. into 5 micl

ВАР-0000

1 2 3 4 5 6 7 8 9 10

1 - - - - - 1

2 - - - - - 1

3 - - - - - D

4 - - - - - CNS - see below

5 - - - - - cms

12-16-46

Box 306

passaged strain of mouse "4" 10% surge in RSS

1. cu. 26 mirc.

Direct solar-flw tot; colonies of long rods

BAP - 0 0 / col., col.

↓ 1 2 3 4 5

1 - - - D

2 - - - D

3 - - - Cns

4 - 1000

9 - - - - -

6 - - -

$\theta = \dots$

1-2-47

Box. 307

1 brain of 12/16 passaged in 10% susp. in $\text{IR}^{70}\text{S}5$

1 p. and 1 cer. into 5 pills

БАР-00

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

- - - - -

2 - - - - - + - - -

3 1 1 1 1 1 1 1 1 1

4 - 7 - - - - - + D

Kina

1/31/47

Toxoplasma 318

strain received from Dr. Buchman
10% susp. in saline
0.03 inoc. into 6 mice i.c. + i.p.
BAP - 0-0

1	2	3	4	5	2/4/47	
1	-	CNS			} 3 mice sacrificed. stored in 2 cc Tyrodes	
2	-	-	CNS			
3	-	-	-	CNS		
4	-	-	-	CNS-D		Direct smear - 1- numerous Toxoplasma Wrights 2- few toxoplasma
5	-			D		3- numerous tox.
6				D		

2-15-47

Toxoplasma 319

2 brains of 1/31/47 ground in saline, to
a 10% susp.

6 mice @ 3-4 wk. inoc 0.03 cc. i.c. 11 da.

0.50 cc. i.p.

BAP - ^{1 cc 2nd}
off off

	1	2	3	4	5	6	7	8	
1	-	-	-	-	-	-	-	-	D
2	-	-	-	-	-	-	-	-	D
3	-	-	-	-	-	-	-	-	D
4	-	-	-	-	-	-	-	-	CNS
5	-	-	-	-	-	-	-	-	CNS
6	-	-	-	-	-	-	-	-	?
				9	10				
				CNS	D				

Sacrificed 2-24-47. Brains ground
in 6 cc. 10% RSS. Passaged
1 cc. into 6 mice 3-4 wk.
0.03 cc. Wright's - numerous tox.
BAP - 00

2-24-47

Toxoplasma 320

2 brains of Tox 319.

	1	2	3	4	5	6	
1	-	-	-	-	-	-	D
2	-	-	-	-	-	-	D
3	-	-	-	-	-	-	CNS D
4	-	-	-	-	-	-	CNS
5							D
6							D

→ Passaged on 2-28-47
→ 2-28-47. Sacrificed
stored in Tyrodes soln.
Direct smear - Wright's - tox. present

2-28-47

Toxoplasma 321

mouse 3 of Tox 320. ground in 3.5 cc. saline.
0.03 cc. inoc. 1 cc. into 6 mice 3-4 wk.
Direct smear - tox. present BAP - 000

1	-	-	-			
2	-	-	-			
3	-	-	-			
4	-	-	-	D		
5	-	-	-	D		
6				D		

Sacrificed 3-4-47.
stored in Tyrodes
Wright stain - Tox. present

3-10-47

Toroplasma 322

2 brains of 2/28/47 ground in 6 cc. saline
 Passed 1 cc. (0.03 cc) and 1 p. (0.5 cc) into 6 mice

BAP - 0 3rd 3rd 3rd

1	2	3	4	5	6	7	8	9	10
1	-	-	-	-	UN3	①			
2	-	-	-	-	CNS	①			
3	-	-	-	-	?	①			
4	-	-	-	-	?	①			
5	-	-	-	-	?	①			
6	①								

3-15-47

abdominal paracentesis - 3 mice.
 film of pooled abd. fluid under
 high dry - Toroplasma present.
 fluid inoc. into 10 mice

3-16-47

Toroplasma 323

abdominal fluid obtained from abd. paracentesis
 10 mice - 0.03 cc. 1 cc. - BAP 00

1	2	3	4	5
1	-			
2	-			
3	-			
4	-			
5	-			
6	-	①		
7	-	①		
8	-	①		
9	-	①		
10	①			

3-17-47

5 mice shipped to Dr. Grant Taylor
 Durham, N. Carolina

3-18-47

3 brains - soft, no tox. seen on film; ~~no~~ vac.
 1 brain fairly good condition. ^{discarded}
 tox. present on film; no vac.

3-18-47

Toroplasma 324

1 good brain of 3/18/47. ground in 4 cc. saline
 0.03 cc inoc. ~~into~~ 1 cc. into 6 mice
 BAP 00

1	2	3	4	5
1	-	-	①	
2	-	-	①	
3	-	-	①	
4	-	-	CNS	
5	-	-	CNS	
6	-	-	CNS	

3-21-47

Sacrificed. Stored in Tyrodes
 Direct smear - rt rights - 1 - tox. present.
 no vac.
 2 - " "
 3 - " "

3-31-47

Toxoplasma 325

2 brains of 3-21-77 ground in 4 cc. saline.
 Inoc. 0.03 cc. 1. cer. into + 0.5 cc 1. p. into 6 mice.
 BAP-0 2nd 2nd 3-4 wks.

1 2 3 4 5 6 7

1 - - - - CNS D

2 - - - - CNS D

3 - - - - CNS CNS

4 - - - - CNS CNS

5 - - - - CNS CNS

6 - - - - CNS CNS

4-5-47

abdominal paracentesis on 6 mice.
 exudate showed Tox present
 Wright's stain - Tox. present
 (of exudate)

Sacrificed on 4-7-47.

Stored in Tyrodes. Direct smear - 1 - Tox.

2 - Tox & bast?

4-5-47

Toxoplasma 326

abdominal exudate inoc.
 1. cer. (0.02 cc.) into 5 mice
 BAP-0

1 2 3 4

1 CNS

2 CNS

3 CNS

4 CNS

5 CNS

Sacrificed on 4-7-47

stored in 2 cc. Tyrodes

Direct smear - Wright's - 1 - few tox. present

2 - " " " "

4-17-47

Toxoplasma 327

Brains 325-(1) + 326-(1) ground in 2 cc.
 saline. Inoc. into 5 mice - 0.03 - 1. cer.
 0.50 - 1. p.

BAP-00

1 2 3 4 5 6 7

1 - - - - 7/8 CNS

2 - - - - CNS

3 - - - - CNS

4 - - - - CNS

5 - - - - CNS

Sacrificed 4/23/47. Stored in 2 cc. Tyrodes.

Direct smear - tox present in both brains

5-5-47

Toxoplasma 328

Brain of 4/23/47 ground in 2 cc. saline,
 Inoc. 0.03 cc. 1. cer. + 0.5 cc. 1. p. into 7 mice 3-4 wks.
 BAP-0

1 2 3 4 5 6 7

1 - - - - - DF

2 - - - - - CNS

3 - - - - - CNS

4 - - - - - CNS

5 - - - - - CNS

6 - - - - - CNS

7 - - - - - CNS

sacrificed on 5-12-47. Stored in 2 cc Tyrodes

2 brain lost.

Direct smear - 1 - Tox. present

2 - few tox present

3 - very few present

4 - few tox present

may 23, 1947

Toroplasma 329

Brains 1+4 of 5/12/47 ground in 2 cc. saline.
Inoc. 0.03 cc 1. cc. + 0.5 cc. 1. p. 7 micl.
2-3 wks.
BAP-00

	1	2	3	4	5	6	7
1	-	-	-	-	-	?	Ⓟ
2	-	-	-	-	-	?	Ⓟ
3	-	-	-	-	-	2	CNS
4	-	-	-	-	-	CNS	
5	-	-	-	-	-	CNS	
6	-	-	-	-	-	?	
7	-	-	-	-	-	?	

} sacrificed 5-29-47. Brains ground in 4 cc
saline. Inoc. 1. cc into 7 micl - 3-4 wks
Direct smear - Tox. present
" "

BAP-00

may 29, 1947

Toroplasma 330

2 mice of 5/22 sacrificed.
Brains pooled. Inoc. 0.03 cc into 7 micl
lab. media. 3-4 wks.

	1	2	3	4	5
1	-	-	-	-	CNS Ⓟ
2	-	-	-	-	CNS Ⓟ
3	-	-	-	-	CNS Ⓟ
4	-	-	-	-	CNS Ⓟ
5	-	-	-	-	? Ⓟ
6	-	-	-	-	? CNS
7	-	-	-	-	? CNS

} Sacrificed 6-3-47. Stomach in 2 cc.
Tyrodes.

At right's 1- numerous tox. - no bacteria
2- " " " " "

June 5, 1947

Toroplasma 331

Brain of 6-3-47 ground in 2.5 cc saline
Inoc 0.03 cc 1. cc. + 0.5 cc. 1. p. into 9 micl
lab media. 3-4 wks.
BAP-00

	1	2	3	4	5	6
1	-	-	-	-	-	CNS Ⓟ
2	-	-	-	-	-	CNS Ⓟ
3	-	-	-	-	-	Ⓟ
4	-	-	-	-	-	Ⓟ
5	-	-	-	-	-	Ⓟ
6	-	-	-	-	-	Ⓟ
7	-	-	-	-	-	Ⓟ
8	-	-	-	-	-	Ⓟ
9	H.C.	Ⓟ				

} Sacrificed 6-9-47
Passage 332

Toroplasma 332

June 9, 1947

2 mice with CNS signs of Tox. 331
killed. Brains ground in 4 cc. saline
Inoc. 0.03 i. cr. into 11 mice 5-6 wk - Maxfield
BAP-○○

	1	2	3	4	5						
1	-	-	CNS	-		smear - many toxo	-	no bacteria	BAP-○○		
2	-	-	CNS	-		"	"	"	"	"	spreading
3	-	-	CNS	-		"	"	"	"	"	col.
4	-	-	CNS	-		"	"	"	"	"	(banded)
5	-	-	CNS	-		"	"	"	"	"	conspic.
6	-	-	?	-		"	"	"	"	"	
7	-	-	?	-		"	"	"	"	"	
8	-	-	-	D							
9	-	-	-	-							
10	-	-	-	D							
11	D										

Sent to
Pasteur
Institute
Paris

Brains - removed & stored in 2 cc Tyrodes

Toroplasma 333

June 23, 1947

2 brains of 6-12-47 ground in 2 cc. saline.
Inoc. 0.03 cc. i. cr. & 0.5 cc. i. p. into
6 lab bred mice, 3-4 wk.

BAP-○○

	1	2	3	4	5	6	7
1	-	-	-	-	-	-	D
2	-	-	-	-	-	-	D
3	-	-	-	-	-	-	D
4	-	-	-	-	-	-	
5	D						
6	D						

CNS - killed 6-30-47. Brain ground in 2 cc.
saline. Passaged 0.03 cc. i. cr. into
7 mice lab bred, 3-4 wk.

BAP-○○ at right - Tox present
no bacteria

June 30, 1947

Toroplasma 334

mouse 4 of Tox. 333

	1	2	3	4	5
1	-	-	-	-	D
2	-	-	-	-	D
3	-	-	-	-	D
4	-	-	-	-	D
5	-	-	-	-	CNS
6	-	-	-	-	CNS
7	-	-	-	-	CNS

rights - tox present, no bacteria
" " " " " "

July 4, 1947 -
3 mice killed. Brains stored
in 2 cc Tyrodes.

July 14, 1947 - Toxoplasma 335

Brains 1+2 of Typ. 334 ground in
2 cc. saline. Inoc. 0.03 i, cl. + 0.5 cc.
i.p. into 8 mice.
BAP-0,0

1 2 3 4 5 6 7 8 9 10

1 - - - - - CNS D

2 - - - - - CNS D

3 - - - - - CNS D

4 - - - - - CNS D

5 - - - - - CNS D

6 - - - - - CNS D

7 - - - - - CNS CNS

8 - - - - - CNS CNS

7/21/47

TOX. PRESENT - NO BACT.

..

JULY 21, 1947

2 mice killed. - 1 brain stored in 2 cc Tyrod's soln.
.. ground & pass. 6 mice.

JULY 21, 1947

TOXOPLASMA 336

Brain of 1 mouse of 335 ground in 4 cc N. saline.
0.03 cc i. cl. + 0.3 cc i.p. into 6 mice (young)

B.A.P. 40 cal. 40 cal.

1 2 3 4 5 6 7 8 9 10

1 - - CNS (1) TOX. Present. no bact.

2 - - CNS (2)

3 - - CNS D

4 - - CNS CNS D

5 - - CNS CNS D

7/25/47

Brains stored in 2 cc Tyrod's soln.

AUG 4 1947

TOXOPLASMA 337

2 brains of 7/25/47. (Pass. 336) ground in 4 cc of saline to make
a 10% susp. not centrif. 0.03 cc i. cl. & mice. 0.5 cc i.p. BAP 0,0

1 2 3 4 5 6 7 8 9 10

1 - - - - - CNS D

2 - - - - - CNS D

3 - - - - - CNS D

4 - - - - - CNS D

5 - - - - - CNS D

6 - - - - - CNS

7 - - - - - CNS

8 - - - - - CNS

8/11 - 2 brains - many toxo - no bact: BAP - 1 colony
Passaged

1 col 8/15

TOX. PRESENT; NO BACT. (STORED IN 2 cc TYROD'S SOLN.
.. } Ground in 8 cc N. saline.
.. } 0.03 cc i. cl. + 0.5 cc i.p. } 8 mice
PASS. 338.

Culture BAP - 18 colonies

AUG 10 1947

TOXOPLASMA 338

1 2 3 4 5 6 7 8
 1 - - - ~~PD~~
 2 - - - ~~PD~~
 3 - - - ~~PD~~
 4 - - - ~~PD~~
 5 - - - ~~PD~~
 6 - - - ~~PD~~
 7 - - - ~~PD~~
 8 - - - ? Cus

KILLED 8/14/47

6 mice killed - many toxo in each smear
 no bacteria

BAP - 1 - 0 0 0
 2 - 0 0 0
 3 - 0 0 0
 4 - 0 0 0
 5 - 0 0 0
 6 - 0 0 0

These 6 brains sent in ice in thermos bottle
 to Dr. Gasser of Zurich in N.Y. - he is
 taking them with him by boat - 3 brains
 to be left at Pasteur Institute in Paris,
 other 3 to Zurich.

Toxoplasma 338

Aug. 11, 1947

1 - - - D
 2 - - - D
 3 - - - D
 4 - - - CNS - Aug. 15, 1947
 5 - - - " - " " " " " } sent to Dr. Albert Smilger
 6 - - - " - " " " " " } Chicago, Ill.
 7 - - - " - " " " " " }
 8 - - - " - " " " " " }
 9 - - - " - " " " " " }
 10 - - - " - " " " " " }

many - " " BAP - 0 0
 present - " " " - 0 0
 " " " " - 0 0
 " " " " - 0 0
 1 - " - 0 0
 2 - " - 0 0
 3 - " - 0 0

AUG 24 1947

Toxoplasma 339

Brains 7+8 of 8-15-47 ground in 2cc. saline.
 Inoc. 0.03 i.c. + 0.5 cc. i.p. into 6 Musfield mid-7-4 wk.
 BAP - 0 0

1 2 3 4 5 6 7 8 9 10
 1 - - - - CNS - Wright stain - toxo. ; no bac. : BAP - 0 0
 2 - - - - CNS - " " " " " " " " 0 0
 3 - - - - CNS - " " " " " " " " 0 0
 4 - - - - CNS - " " " " " " " " 0 0
 5 - - - - CNS - " " " " " " " " 0 0
 6 - - - - CNS - " " " " " " " " 0 0

Aug. 29, 1947

Toxoplasma 340

SEP 8 1947

Brains 1+2 of Tox. 339 ground in 2 cc. saline.
Inoc. - 0.03 cc. 1. cu. + 0.03 cc. 1. cu.
7 maxfield mice - 5-6 wks.

BAP-236b.

	1	2	3	4	5	6	7	8	9	10	
1	-	-	-	-	-	-	-	-	-	-	} killed 9-13-47
2	-	-	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	-	-	} killed 9-15-47 - No bacteria. - Toxo present
4	-	-	-	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	-	-	-	D
6	-	-	-	-	-	-	-	-	-	-	D
7	-	-	-	-	-	-	-	-	-	-	D

Toxoplasma 341

SEP 13 1947

mice 1+2 of Tox. 340 killed. Brains removed, ground in 4 cc. 10% RSS. Inoc. 0.03 cc. 1. cu. into 5 mice - maxfield - 4 wks.

BAP-00

upright - 1- Many toxo; no bac.
2- " " " "

	1	2	3	4	5	6	7	
1	-	-	-	-	-	-	-	TYRODES SEP 17 1947 BAP 000 BAP 000 BAP 000 BAP 000
2	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	

Toxoplasma 341 A

SEP 15 1947

Mouse 3 of Pas. 340 - brain in 4 cc Tyrode's - BAP 0000
0.03 cc 1. cu. only. - 7 young mice; 4 large

1 2 3 4 5

1	-	-	-	D	
2	-	-	-	D	
3	-	-	-	D	
4	-	-	-	-	} used for DRUG vs TOX EXPT I - 19 SEPT.
5	-	-	-	-	

6	-	-	-	-	D
7	-	-	-	-	D
8	-	-	-	-	D
9	-	-	-	-	D
10	-	-	-	-	D
11	-	-	-	-	D

Large

SEP 20 1947

Killed for parasite - VERY HEAVY INFECTION

BAP 000

SEP 20 1947

#11 of 341 A (very heavy infection) ground = 4.0 cc Tyrodes, allowed to stand ca 45' in refrigerator & super panaged ^{0.03} Icer to 6 CFU & 6 CH. aeb.
CH. aeb. (ca. 18.2 gm.)

	1	2	3	4	5	6
1	-	-	-	D		
2	-	-	-	CNS #2		
3	-	-	-	CNS #3		
4	-	-	-	CNS		
5	-	-	-	CNS		
6	-	-	-	CNS		

} for Dr. Verhulst. Smeared loaded = tyro. No bact.

BAP 0 0 0 SEP 24 1947
 0 0 0

CFU (18.5 gm.)

	1	2	3	4	5	6
1	-	-	-	D		
2	-	-	-	CNS #1 for Dr. Verhulst.		
3	-	-	-	CNS		
4	-	-	-	CNS		
5	-	-	-	CNS		
6	-	-	-	CNS		

Smeared loaded = tyro. No bact.

BAP 0 0 0 SEP 24 1947

1, 2, 3 for storage - tyro 342

Smeared
 MOD # TOXO
 VERY HEAVY TOXO
 BAP: 1) 0 0 0
 2) 0 0 0
 3) 0 0 0

SEP 24 1947

SEP 24 1947

Abone mice showing good signs, sacrificed as noted & smeared & cult & each placed in 2 cc Tyrodes & stored in refrigerator.

OCT 3 1947

Brains #1 & 2 of 24 Sept. ground in their own Tyrodes, allowed to settle for ca 30' & then super panaged Icer to 6 CFU ca 4 weeks old. 0.03 ml/mouse.
 BAP 0 0 0

MOUSE

DAY

	1	2	3	4	5	6	7	8	9	10	11
1	-	-	-	-	-	CNS					
2	-	-	-	-	-	CNS					
3	-	-	-	-	-	CNS	CNS	CNS	CNS	CNS	CNS
4	-	-	-	-	-	?	CNS	CNS	CNS	CNS	CNS
5	-	-	-	-	-	?	?	CNS	CNS	CNS	CNS
6	-	-	-	-	-	?	?	CNS	CNS	CNS	CNS

OCT 10 1947

PASSAGED.

Tyrodes

OCT 10 1947

Two brains heavily infected with toxo, pooled, ground = 4.0 cc NaCl, allowed to settle ca 30' & then panaged = Pass. 344.

BAP 0 0 0

OCT 10 1947

TOXO. PASS 344

6. CH alb ca 3 wks. 0.03 ml I cer.

MOUSE

DAY

	1	2	3	4	5	6	7
1	-	-	-	-	?	D	
2	-	-	-	-	?	D	
3	-	-	-	-	?	D	
4	-	-	-	-	-	CNS	
5	-	-	-	-	-	CNS	
6	-	-	-	-	-	CNS	

OCT 15 1947

OCT 15 1947 Three summ. sac., brains stored in 2 cc T grades in ref. g., surplus of each heavily infected: TOXO. No bacteria.

 BAP #1 0 0 0
 #2 0 0 0
 #3 0 0 0

OCT 18 1947

 #1 & 3 of above group = own 4 cc T grades + 4 cc NaCl to make 10% susp. Allowed to settle for ca 20' & then injected I cer (0.08 ml) & IP (0.3 ml) to each of 5 CFW alb.
 = Pass 345.

TOXO PLASMA PASS 345

MOUSE

DAY

CFW, I cer & IP.

	1	2	3	4	5	6
1	-	-	-	-	?	D
2	-	-	-	-	?	CNS
3	-	-	-	-	-	CNS
4	-	-	-	-	-	CNS
5	-	-	-	-	-	CNS

OCT 23 1947

OCT 23 1947

 Four mice sacrificed. Brains smeared & stained with Wrights. Two with greatest number of TOXO (very heavy) pooled, surplus in 8 cc NaCl & then allowed to settle for ca 10 in the ref. g. Then injected to 2 groups of six CH alb - one intraperitoneal & the other intracerebral. These are Pass 346 & will be used for a mouse neutralization test to be run next week.

BAP 0 0 0

OCT 23 1947

TOXOPLASMA PASS 346

6 CH all - 0.03 ml Icer

<u>MOUSE</u>	<u>DAY</u>				
	1	2	3	4	5
1	-	-	-	CMS	} OCT 27 1947
2	-	-	-	CMS	
3	-	-	-	CMS	
4	-	-	-	CMS	
5	-	-	-	CMS	
6	-	-	-	CMS	

USED FOR PASSAGE & TOXO NEUT VS BLACK
MICE

6 CH all - 0.3 ml IP

<u>MOUSE</u>	<u>DAY</u>				
	1	2	3	4	5
1	-	-	-	CMS	} used for peritoneal exudate for toxo next to-day. OCT 27 1947
2	-	-	-	CMS	
3	-	-	-	?	
4	-	-	-	?	
5	-	-	-	?	
6	-	-	-	?	live. 27 Oct.

OCT 27 1947 4 mice of Icer group died under obs. 2 killed, brain smears = heavy infections & no heart. Pooled, suspended in 8.0 cc NaCl in Ten Broek. ~~Ed~~ Filtered thru gauze & used for Pass # 347 & for the toxo neut (mouse) set up to-day.
NB BAP 0 0 0

TOXOPLASMA ^{PASS.} 34712 all - mix of CH & Phak.
0.03 ml 10% M B Icer (all Pass 346)

<u>MOUSE</u>	<u>DAY</u>					
	1	2	3	4	5	6
1	D					
2	?	?	?	D		
3	-	-	-	D		
4	-	-	-	D		
5	-	-	-	D		
6	-	-	-	D		
7	-	-	-	D		
8	-	-	-	D		
9	-	-	-	D		
10	-	-	-	D		
11	-	-	-	CMS	} OCT 31 1947	
12	-	-	-	CMS		

pooled for passage & Eden Park sent
& shipment to Iowa.

OCT 31 1947

Shipment & treatment of Passage 347

The two severely ill survivors sacrificed & bled. Brains = heavy toxo infection, no bacteria. Suspended in 8cc Tyrodes & super used for passage & toxo sent (see Eden Park notes).
 Passage made by diluting the 1:10 sup to 1:150 & then inoc 10 alb I cr @ 0.03 ml/mouse.
4 of these mice immediately shipped to Iowa. Remaining 6 constitute Pass 348
 BAP 000

Pass 348 (TOXO)

<u>MOUSE</u>	<u>DAY</u>					
	1	2	3	4	5	6
1	-	-	-	-	? D	
2	-	-	-	-	? D	
3	-	-	-	-	? CNS	
4	-	-	-	-	CNS	
5	-	-	-	-	CNS	} NOV 6 1947 Passage.
6	-	-	-	-	CNS	

NOV 6 1947

Two sick mice of Pass 348 sacrificed, brain smeared = heavy toxo infection, no bacteria. Suspended in 8.0cc saline, allowed to settle for ca 1 1/2 hrs in refrigerator, then passaged I cr to 6 CH alb. = Pass 349
 BAP 000

TOXO Pass 349

0.03 ml 10% CNS I cr
 6 CH alb ca 4 wks.

<u>MOUSE</u>	<u>DAY</u>				
	1	2	3	4	5
1	-	-	-	-	Ref. } PASS. 350 NOV 10 1947
2	-	-	-	-	Ref. }
3	-	-	-	-	Ref. }
4	-	-	-	-	D
5	-	-	-	-	CNS Pass 350-A NOV 11 1947
6	-	-	-	-	CNS Pass 350-B NOV 11 1947

NOV 10 1947

Two mice sac. Brain smears = many toxo, no bact. Suspended in 8cc NaCl & allowed to settle for ca 1 1/2 hrs. in ref. Super then passaged I cr to 6 CH alb (0.03/ml) = Pass 350

Pass 350

BAP 50 cal
 (super) for rods.

<u>Mouse</u>	<u>DAY</u>				
	1	2	3	4	5
1	-	-	-	-	H ₂ D
2	-	-	-	-	H ₂ D
3	-	-	-	-	D
4	-	-	-	-	? H ₂ D
5	-	-	-	-	? H ₂ D
6	-	-	-	-	? H ₂ D

NOV 11 1947

In view of the pos cult of Pan 349 & the hydrocephalus in 2 of the mice of Pan 350, the two survivors of Pan 349 were sacrificed & each brain smeared & examined: Wright's & Gram's stains. Loaded = toxic; no bacteria seen. Each then suspended in 4.0 cc NaCl & allowed to settle for ca 1 hr. Then each was panaged separately to 6 Ch alb ca 4 wks old - 0.03 ml I.c. = Pan 350 A x Pan 350 B.

BAP { A = 0 0 0 0
B = 0 0 0 0

Pan 350 A
DAY
1 2 3 4 5 6 7 8 9 10
1 - - - - ? CUS NOV 17 1947 Panaged = 351
2 - - - - ? D
3 - - - - ? D
4 - - - - ? D
5 - - - - ? D
6 - - - - ? D

Pan 350 B
DAY
1 2 3 4 5 6
1 - - - - D
2 - - - - D
3 - - - - CUS
4 - - - - CUS } NOV 16 1947 Stored in Tyndes.
5 - - - - CUS
6 - - - - CUS

NOV 16 1947

Three sub mice of 350 B sacrificed. Bld & brain smeared (except) cult, & stored in 2 cc Tyndes, each. as #1, #2, #3 - Smeas = heavy infections. BAP #1 0 0 0
#2 0 0 0
#3 0 0 0

NOV 17 1947 One mouse of Pan 350 A with good signs sacrificed, brain smear = many bps, no bact; suspended in 4.0 cc NaCl, allowed to settle ca 10 min & then panaged I.c. to 6 CFU = Pan 351. BAP 0 0 0

Pan 351

MOUSE DAY
1 2 3 4 5 6
1 - - - - CUS } Pan 352 & to Dr. Milgrom. NOV 21 1947
2 - - - - CUS
3 - - - - 3 D
4 - - - - ? CUS D
5 - - - - } sacrificed for I.P. inoc. NOV 20 1947
6 - - - -

NOV 20 1947

Two mice of Pan 351 sac. Brains removed: one topo. Pooled, suspended in 8cc NaCl & panaged IP to 12 CFU all -0.4ml each. This was after settling for ca 30'. These per. trial & updates to be used for mouse-egg tests. = Pan 352 A

Pan 352-A

BAP 000

0.4ml IP

Mouse.

DAY

	1	2	3	4	5
1	-	-	-	-	CAS
2	-	-	-	-	CAS
3	-	-	-	-	CAS
4	-	-	-	-	CAS
5	-	-	-	-	Bel
6	-	-	-	-	Bel
7	-	-	-	-	Bel
8	-	-	-	-	Bel
9	-	-	-	-	Bel
10	-	-	-	-	Bel
11	-	-	-	-	Bel
12	-	-	-	-	Bel

NOV 24 1947

used for toto test (Perit Exn.) - mice eggs.

NOV 21 1947

Two sickest mice sacrificed. Spleens = numerous topo. Pooled, suspended in 8cc saline & allowed to settle for ca 10 in refrig. Then panaged I can to 10 CFU. = Pan 352
4 of these mice immediately shipped to Milzer @ Michael Rose, Chicago.

BAP 000

0.03ml I can

Pan 352

MOUSE

DAY

	1	2	3	4	5
1	-	-	-	-	D
2	-	-	-	-	D
3	-	-	-	-	D
4	-	-	-	-	D
5	-	-	-	-	CAS
6	-	-	-	-	CAS

sacrificed and stored in Tyrodes

NOV 26 1947

panaged 25 Nov.

#1 BAP 000

#2 BAP 000

Two brains of # 352 pooled, just = their Typhoid & allowed to settle ca 10 in refi. Super then panned to 6 Max alb. Icer & IP = TOXO 353

NOV 28 1947

0.03 ml Icer
0.1 ml IP

TOXO 353

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	-	-	D	
2	-	-	-	-	D	
3	-	-	-	-	D	
4	-	-	-	-	CNS	
5	-	-	-	-	CNS	
6	-	-	-	-	CNS	

} DEC 3 1947 Pan # 354

DEC

DEC 3 1947

Two rich mice sacrificed, brain smeared (many toxo), cult, pooled & superled

in 8.0 cc NaCl. Allowed to settle in refi for ca 20 & then panned Icer to 6 ch ad: Pan 354
Another group of 10 CFU rec'd 0.2 ml IP (for update)

BAP 000

0.02 ml Icer.
ch ad.

TOXO PASS 354

MOUSE

DAY

	1	2	3	4	5
1	-	-	-	-	D
2	-	-	-	-	D
3	-	-	-	-	D
4	-	-	-	-	CNS
5	-	-	-	-	CNS
6	-	-	-	-	CNS

} Pan 355 8 DEC. 47.
mean = heavy toxo.

BAP - 000

CFU - 0.2 ml IP

IP PASS OF TOXO (≈ # 354)

MOUSE

DAY

	1	2	3	4	5
1	-	-	-	-	CNS
2	-	-	-	-	CNS
3	-	-	-	-	CNS
4	-	-	-	-	CNS
5	-	-	-	-	CNS
6	-	-	-	-	CNS
7	-	-	-	-	Bel
8	-	-	-	-	Bel
9	-	-	-	-	Bel
10	-	-	-	-	Bel

} Peritoneal exudate used in
counts & titration of 8 Dec 47.

8 Dec 47

Toxo Pan 3566 Ch all.

0.03 ml Icr 10% MB (routine) in Na Cl.

MOUSEDAY

	1	2	3	4	5	6
1	-	-	-	-	D	
2	-	-	-	-	D	
3	-	-	-	-	D	
4	-	-	-	-	D	
5	-	-	-	-	D	
6	-	-	-	-	CNS	

Pan 356

13 Dec 47

DEC 13 1947

One recently dead & one CNS mouse - brains = heavy tox infection - pooled, suspended

in 8.0 cc NaCl & pumped slowly thereafter to 6 Ch all Icr & 10 IP = Pan 356 BAP 0006 Ch all Icr
0.03 mlPan 356MOUSEDAY

	1	2	3	4	5
1	-	-	-	-	D
2	-	-	-	-	D
3	-	-	-	-	D
4	-	-	-	-	D
5	-	-	-	-	D
6	-	-	-	-	CNS

- Pan 357 - 17 Dec 47

10 Ch all 0.3 ml IP

IP Pan (#356)

DEC 13 1947

MOUSEDAY

	1	2	3	4	5	6
1	-	-	-	-	-	CNS
2	-	-	-	-	-	CNS
3	-	-	-	-	-	CNS
4	-	-	-	-	-	CNS
5	-	-	-	-	-	CNS
6	-	-	-	-	-	BEL
7	-	-	-	-	-	BEL
8	-	-	-	-	-	BEL
9	-	-	-	-	-	BEL
10	-	-	-	-	-	BEL

Part. Ex. used on 17 Dec 47 for counting - titration
specimens of that date.

DEC 14 1947

TOXOPLASMA - IP Pan f Egg NEUT.

Two mice $\in$ cns signs of the 10^{-3} dil of tox titration of 8 Dec 47 - sacrificed. Brain sum = moderate number toxo - pooled, grand $\in$ 8.0 cc NaCl & after a few minutes settling paraged IP to 10 mice (0.3 ml/mouse) (4 Ch Alb & 6 Mous).

MOUSEDAY

	1	2	3	4	5	6
1	-	-	-	Red cns		
2	-	-	-	Red cns		
3	-	-	-	Red cns		
4	-	-	-	Red cns		
5	-	-	-	Red cns		
6	-	-	-	Red cns		
7	-	-	-	Red cns		
8	-	-	-	Red cns		
9	-	-	-	Red cns		
10	-	-	-	Red cns		

Post. E.t. used for egg-mouse coexistent neutralization
 Effluent of this date. - 19 Dec.

DEC 17 1947

Toxoplasma Pan 357

The one mouse of Pan 356 $\in$ good sign sacrificed & brain injected in 4.0 cc NaCl.

Paraged Icr to 8 Ch Alb within 30 min. $0.03 \text{ ml/mouse} = \text{Pan 357}$
 Liver heavily infected $\in$ toxo.

BAP 000

MouseDAY

	1	2	3	4	5	6
1	-	-	D			
2	-	-	D			
3	-	-	cns			
4	-	-	cns			
5	-	-	cns D			
6	-	-	cns D			
7	-	-	cns (NS PR D)			
8	-	-	cns (NS (NR D)			

Pan 358 DEC 20 1947

DEC 20 1947

Two mice $\in$ good sign sacrificed, brain smeared = heavy toxo infection
 injected in 8.0 cc NaCl &
 paraged Icr to 6 CFU mice $0.03 \text{ ml of super / mouse}$.

BAP 000

Toxo Pan 358MouseDAY

	1	2	3	4	5
1	-	?			
2	-	?			
3	-	?			
4	-	?			
5	-	?			
6	-	?			

SACR. LATE IN DAY $\rightarrow$ PASS 359 DEC 23 1947

DEC 23 1947

Two mice sacrificed. Brains smeared (= heavy toxo), ground & suspended
in 8 cc NaCl. Allowed to settle ca 15' & then super used for pass (Pan 359)
It is to 6 Chall & for challenge of P-17 rat #349. & #351 (later)

BAP 0 0 0

0.03 ml Ice. to
6 Chall.Pan 359MOUSEDAY

	1	2	3	4	5	
1	-	-	?	D		
2	-	-	?	D		
3	-	-	?	D		
4	-	-	?	CNS		stored in Tyndes DEC 27 1947
5	-	-	?	CNS		
6	-	-	?	CNS		Pan 360 DEC 27 1947

Three mice = CNS sacrificed. Brains smeared = heavy toxo - 2 brains suspended in 2 cc Tyndes
& stored in refg. (= #142). The third brain suspended in 4 cc of NaCl & poured to 6 Chall Ice
as Pan 360. Super. used after 15 min settling.

DEC 27 1947

BAP #1 0 0 0
#2 0 0 0
#3 0 0 0

Pan 360

6 Chall - 0.03 ml Ice.

MOUSEDAY

	1	2	3	4	5	6	
1	-	-	?	CNS			
2	-	-	?	CNS			
3	-	-	?	CNS			
4	-	-	?	CNS			
5	-	-	?	?	D		
6	-	-	?	?	D		

stored in Tyndes DEC 31 1947

4 brains removed from mice = good signs, smear = heavy toxo. Each culture
in the refg. = Pan 360

DEC 31 1947

BAP & stored in 2 cc Tyndes
BAP #1 0 0 0
#2 0 0 0
#3 0 0 0
#4 0 0 0

Toxo Pan 361

JAN 2 1948

Two brains removed from refg. stored in their Tyndes + 4 cc NaCl. Allowed to settle
for ca 10' & then poured to 6 Chall - 0.03 ml Ice & 0.1 ml IP = Pan 361

MOUSEDAY

	1	2	3	4	5	6	
1	-	-	CNS				
2	-	-	CNS				
3	-	-	?				
4	-	-	?				
5	-	-	CNS				
6	-	-	CNS				

PASSAGED
+
STORED. JAN 6 1948

IP Pan JAN 7 1948

JAN 6 1948

4 mice of Pan 361 - sacrificed. Brains smeared (mod heavy *tyro* infection) & cult.

Two brains stored in 2 cc Tyrodes each (H1 & H2) & 2 suspended in 8 cc NaCl, allowed to settle for ca 15' & then panaged I.c. to 8 Ch alb - Pan 362.

Toxo Pan 362MOUSEDAY

	1	2	3	4	5
1	-	-	CNS		
2	-	-	CNS		
3	-	-	CNS		
4	-	-	CNS		
5	-	-	CNS		
6	-	-	LOSD		
7	-	-	? D		
8	-	-	? CNS		

used for MB sup for rabbit
neut. JAN 9 1948

- Panaged. JAN 10 1948

BAP - #1 0 0 0

#2 0 0 0

Pan Pool 0 0 0

Jan 7 1948Toxo Pan 362 - I.P.MOUSEDAY

	1	2	3	4	5
1	-	-	? D		
2	-	-	? D		
3	-	-	? D		
4	-	-	? CNS		
5	-	-	CNS		
6	-	-	CNS		
7	-	-	CNS		
8	-	-	CNS		

used for mouse NEUT JAN 12 1948

disc

JAN 10 1948

The one survivor of I.c. Pan 362 sacrificed - brain smear = v heavy *tyro* infection.
Suspended in 4.0 cc NaCl, allowed to settle for ca 15 min & then super panaged I.c. to 6 Ch alb = Pan 363

BAP 0 0 0

Toxo Pan 363MOUSEDAY

	1	2	3	4	5	6
1	-	-	D			
2	-	-	D			
3	-	-	D			
4	-	-	D			
5	-	-	CNS			
6	-	-	CNS			

JAN 14 1948 PASAGED = Pan 364

JAN 14 1948

Two survivors sacrificed. Brain smears = heavy *tyro*, no lact. Suspended in 8.0 cc NaCl & allowed to settle for ca 20'. Super then panaged to 6 Ch alb adults - 0.03 ml I.c. = Pan 364

BAP 0 0 0

6 Ch alb I.c.
0.03 ml.

6 Ch alb
0.03/ml I.C.

Toxo Pass 364

JAN 14 1948

MOUSE

DAY

	1	2	3	4	5	6
1	D					
2	-	-	CNS			
3	-	-	CNS			
4	-	-	?			
5	-	-	?		D	
6	-	-	?			CNS disc.

} stored in Tyndis. JAN 17 1948

JAN 17 1948

4 mice sacrificed. Brain smears = load toxo. #1 & #2 placed in 2 cc Tyndis & stored in
refrig. #3 & 4 pooled, suspended in 8.0 cc NaCl & allowed to settle for ca 20' at room temp.
Superpooled I.C. to 6 Ch alb (3-4 wks old) = Pass 365 & to 15 Maf. (ca 18-20 gms) IP.

BAP #1000
#2000
#3000
#4000

6 Ch alb I.C.
0.03/ml

Toxo Pass 365

MOUSE

DAY

	1	2	3	4	5	6	7
1							
2							
3							
4							
5							
6							

→ CNS } pooled and passaged = Pass 366

JAN 20 1948

2 mice sacrificed - Brain smears heavily loaded with toxo. #1 & #2 pooled, suspended in 8.0 cc
NaCl, allowed to settle 20 min./room temp. Supernatant passaged to 6 Ch alb. (3-4 wks old)
= Pass 366

BAP
#100
#200

15 Maf 0.3 ml IP

Pass 365 (IP)

DAY

MOUSE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

1	-	?	"											
2	-	?	"											
3	-	?	"											
4	-	?	"											
5	-	?	"											
6	-	?	"											
7	-	?	"											
8	-	?	"											
9	-	?	"											
10	-	?	"											
11	-	?	"											
12	-	?	"											
13	-	?	"											
14	-	?	"											
15	-	?	"											

On 1/21 - abdomens not enlarged. peritoneal exudate full of
cells with toxoplasma in them. The 1:100 dilution of
exudate had less than 1 toxo per sq. mm. Smear
shows mostly intracellular. Not used for test

9.6 million toxo/cc exudate - 5th day JAN 22 1948

30 million toxo/cc exudate - 6th day JAN 23 1948

Toxo - Pass 366 (Icer)

JAN 20 1948

MOUSE

DAY

1 2 3 4 5 6 7 8

1	-	-	-	-	D		
2	-	-	-	-	D		
3	-	-	-	-	D		
4	-	-	-	-	D		
5	-	-	-	-	CNS		
6	-	-	-	-	CNS		

sacrificed for rabbit intradermal neutralization test.

JAN 26 1948

Peritoneal exudate of Pass 365 (I.P.) was diluted 1:10 in saline on the 5th day. Passaged to 10 Cx albino mice (3wks old), intraperitoneally: 1.0 cc./mouse

Toxo - Pass 366a - (I.P.)

JAN 22 1948

MOUSE

DAY

1 2 3 4 5 6 7 8

1	-	-	D				
2	-	-	CNS D				
3	-	-	CNS D				
4	-	-	? D				
5	-	-	? D				
6	-	-	? D				
7	-	-	? CNS D				
8	-	-	? CNS D				
9	-	-	? CNS D				
10	-	-	? CNS D				

1 million Toxo

JAN 27 1948

PE exudate = 12,800,000/cc.

Used for direct

effect of sera exp't of to-day.

Peritoneal exudate of Pass 365 (I.P.) was diluted 1:10 in saline on the 6th day. Passaged to 10 Cx albino mice (3wks old) intraperitoneally: 1.0 cc./mouse

Toxo - Pass 366b - (I.P.)

JAN 23 1948

MOUSE

DAY

1 2 3 4 5 6 7 8

1	-	-	D				
2	-	-	CNS D				
3	-	-	CNS D				
4	-	-	CNS D				
5	-	-	CNS D				
6	-	-	? D				
7	-	-	? CNS D				
8	-	-	? CNS D				
9	-	-	? CNS D				
10	-	-	? CNS D				

3 million

JAN 26 1948

Two mice of Pass 366 (Icer) sacrificed. Brain smears = v may toxo. Suspended in 8.0cc Tyrodes & allowed to settle for ca 15'. Super removed & used for rabbit neut to-day. After latter was completed, some more super collected from brain susp (ca 2 1/2 hr.) & paraged Icer to 7 Ch Alb - 0.03 ml/mouse. = Pass 367 BAP 000

Toxo Pass 367MOUSEDAY

	1	2	3	4	5	6	7
1	-	-	-	D			
2	-	-	-	D			
3	-	-	-	D			
4	-	-	-	BP			
5	-	-	-	CMS			
6	-	-	-	CMS			
7	-	-	-	CMS			

died short time later.

1/30

sacrificed, pooled and paraged = Pass 368

Icer (6) and I.P (15)

JAN 30 1948

JAN 30 1948

Two mice = good signs sacrificed. Brain smears = heavy toxo. Suspended in 8.0cc NaCl & allowed to sed ca 1/2 hr. when paraged Icer (6 mice) & IP (15)

BAP 000

6 Ch Alb
0.03 ml Icer.Toxo Pass 368 (Icer)MOUSEDAY

	1	2	3	4	5	6	7
1	-	-	-	D			
2	-	-	-	D			
3	-	-	-	D			
4	-	-	-	D			
5	-	-	-	D			
6	-	-	-	CMS			

- Pass FEB 3 1948

15 Ch Alb
0.3 ml IPToxo Pass 368 (IP)MOUSEDAY

	1	2	3	4	5	6	7
1	-	-	-	As			
2	-	-	-	As			
3	-	-	-	D			
4	-	-	-	D			
5	-	-	-	D			
6	-	-	-	D			
7	-	-	-	D			
8	-	-	-	D			
9	-	-	-	D			

Gen. Ef. used for mouse neut & in vitro tests.

FEB 3 1948

taxo Pan 368 (IP) cont.

30 Jan 48

MOUSE

DAY

	1	2	3	4	5	6	7
10	-	-	-	CNS	D		
11	-	-	-	CNS	D		
12	-	-	-	ASC	Asc		
13	-	-	-	ASC	Asc		
14	-	-	-	ASC	Asc	D	
15	-	-	-	ASC	Asc	Asc	

used for PE on 4 Feb 48 = 15,250,000 tno/cc

7

7

7

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7

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FEB 3 1948

The one mouse of Pan 368 (Icer) hampered - heavy tno - brain suspended in 4.0 cc NaCl, allowed to stand for 15-20 minutes when super passed Icer to 5 mice

4 IP to 10. = Pan 369

BAP. 000

5 chall
0.03 ml Icer.

taxo Pan 369 (Icer)

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	-	CNS	D	
2	-	-	-	?	D	
3	-	-	-	-	D	
4	-	-	-	-	D	
5	-	-	-	-	CNS	

- sacrificed, Br ground in 4 cc. saline, passaged = Pan 370

FEB 7 1948

10 mat. 0.2 ml IP.

taxo Pass 369 (IP)

FEB 3 1948

MOUSE

DAY

	1	2	3	4	5	6	7
1	-	-	-	asc	D		
2	-	-	-	asc	D		
3	-	-	-	asc	D		
4	-	-	-	asc	D		
5	-	-	-	asc	D		
6	-	-	-	asc	D		
7	-	-	-	asc	D		
8	-	-	-	?	Asc		
9	-	-	-	-	Asc		
10	-	-	-	-	Asc		

0.25 cc PE removed for IP Passage.

ca 1.0 cc

FEB 8 1948

Toxo IP Passage.

FEB 5 1948

Exudate of to-day (Pass 368) dil 1:10 in NaCl & panned IP to 7 Ch alb
0.3 ml / mouse.

MOUSE

DAY

	1	2	3	4	5	6	7
1	-	-	-	asc	} PE used on 9 Feb 48 (very many toso)		
2	-	-	-	asc			
3	-	-	-	asc			
4	-	-	-	asc	} PE used 10 Feb 48 (many toso)		
5	-	-	-	asc			
6	-	-	-	asc	} asc asc D		
7	-	-	-	asc			

Toxo IP Pass

FEB 6 1948

Peritoneal exudate of 5 Feb, stored in refrigerator overnight, dil 1:5 in NaCl & 0.4 ml injected
IP into 6 Ch alb for peritoneal exudate production.

MOUSE

DAY

	1	2	3	4	5	6	7
1	-	-	-	asc	} PE used 11 Feb 48 (many toso)		
2	-	-	-	asc			
3	-	-	-	asc	} asc D		
4	-	-	-	asc			
5	-	-	-	asc	} asc D		
6	-	-	-	asc			

FEB 7 1948

Toxo Pass 370 (Icer)

The one survivor of Pass 369 sacrificed (brain smear = many toso) & brain suspended in 4.0 cc NaCl. After
standing for 30', ^{partly} supernate withdrawn & panned Icer to 6 Ch alb = Pass 370. Remainder of sup.
stored in ref. BAP 000

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	-	? D	} stored in Tyrod's 11 Feb 48	
2	-	-	-	? D		
3	-	-	-	PP		
4	-	-	-	CNS	} used for Pass 371, 11 Feb 48	
5	-	-	-	CNS		
6	-	-	-	CNS		

FEB 8 1948

INTRA PERITONEAL PASSAGE

0.25 cc PE removed from mouse of IP Pan of 3 Feb 48. Diluted 1:10 in NaCl & then immediately panned to 6 ch all - 0.3 ml IP/mouse

Since this update only ca 70,000 cells/cc of 10% growth mouse typed & its fluid diluted ca 1:3 & each of these same mice given 0.5 cc IP.

MOUSEDAY

	1	2	3	4	5	6
1	-	-	-	D		
2	-	-	-	D		
3	-	-	-	Asc		
4	-	-	-	Asc		
5	-	-	-	Asc		
6	-	-	-	Asc		

All used for tests of 2-12-48

Exant & Pan of Pan 370

11 FEB 48

of the 4 survivors of Pan 370, medicated before the haunt, while the other three were sacrificed, smeared (heavy tso), cult, & 2 brains suspended in 2 cc Tyrodes, each & stored in the refrigerator. The third brain was suspended in 2.0 cc

NaCl & after settling in the refrigerator for 30 min, the supernate was panned to 6 ch all, 0.03 ml Icer/mouse = Pan 371.

BAP 000

6 ch all
0.03 ml Icer.Topo Pan 371 (Icer)MOUSEDAY

	1	2	3	4	5	6
1	-	-	-	D		
2	-	-	-	D		
3	-	-	-	D		
4	-	-	-	CNS		
5	-	-	-	CNS		
6	-	-	-	CNS		

#1 - stored in Tyrodes.

#2 - " " "

#3 - " " "

FEB 15 1948

Smear - heavy tso.

BAP 41 00

42 00

43 00

IP Pass For Exudate

FEB 12 1948

Inoc: 0.5 ml IP of PE of 11 Feb (refrigerated overnight) dil 1:5 with NaCl just prior to inoculation. 6 Ch Alb inoc.

MOUSE

DAY

	1	2	3	4	5	6	7
1	-	-	-	Asc	} Toxo used on Feb. 16		
2	-	-	-	Asc			
3	-	-	-	Asc			
4	-	-	-	Asc D			
5	-	-	-	Asc D			
6	-	-	-	Asc	- used Feb 17		

IP Pass For Exudate.

FEB 13 1948

Inoc: PE of 12 Feb - stored in refrigerator overnight, dil 1:5 in NaCl just prior to inoc. 6 Ch Alb rec'd 0.5 ml IP, each.

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	-	Asc	} used Feb. 17	
2	-	-	-	Asc		
3	-	-	-	Asc D		
4	-	-	-	? D		
5	-	-	-	D		
6	-	-	-	Asc	used 18 Feb.	

IP Pass for Exudate.

FEB 14 1948

Inoc: 0.5 cc IP, each of 10 Ch Alb of exudate of 13 Feb dil 1:5 in NaCl just prior to inoc.

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	-	Asc	} used in 18 Feb exudate.	
2	-	-	-	Asc		
3	-	-	-	Asc	} used 19 Feb for PE.	
4	-	-	-	Asc		
5	-	-	-	Asc		
6	-	-	-	D		
7	-	-	-	D		
8	-	-	-	D		
9	-	-	-	D		
10	-	-	-	ens	- not used.	

FEB 16 1948

Toxo Pass. 372 (Icer)

Two of the brains stored in Tyrod's on 15 Feb, suspended in their own Tyrod's plus 4.0 cc. NaCl = 10% susp, allowed to settle for 30' & then supernate passaged Icer to 6 ch alb = Pass 372

MOUSEDAY

(Icer)

	1	2	3	4	5	6
1	-	-	-	D		
2	-	-	-	D		
3	-	-	-	D		
4	-	-	-	D		
5	-	-	-	CNS		
6	-	-	-	CNS		

} pooled and passaged (Pass 373)

FEB 20 1948

FEB 16 1948

IP Passage For Exudate

PE of to-day - dil 1:10 in NaCl & then 0.3 ml inoc IP into each of 8 ch alb.

MOUSEDAY

	1	2	3	4	5	6	7	8	9	10
1	-	-	-	Asc						
2	-	-	-	Asc						
3	-	-	-	Asc						
4	-	-	-	Asc	D					
5	-	-	-	Asc	D					
6	-	-	-	Asc	D					
7	-	-	-	Asc						
8	-	-	-	Asc						

} PE used on 20 Feb.

} used for exud. 21 Feb.

? ? ?

Toxo Shipment To Stein & Taylor

FEB 16 1948

Today's PE dil 1:20 in NaCl & then used to inoc. 8 large Ch alb, 0.03 ml/ice.

4 of these mice were then sent to each of following: Dr. Stein @ Iowa & Dr. H. East Taylor at Duke - via Air Express.

Toxo Pan For Pentaval Exudate.

FEB 19 1948

Inoc: PE of to-day dil 1:10 & 0.3 cc amts inoc IP into each of 8 Mex mice.

<u>MOUSE</u>	<u>DAY</u>						(IP)
	1	2	3	4	5	6	
1	-	-	Asc				Topped for exudate 23 Feb 48
2	-	-	Asc				
3	-	-	?				
4	-	-	?				
5	-	-	?				
6	-	-	-				
7	-	-	-				
8	-	-	-				

Toxo Pan For PE

FEB 20 1948

PE of 19 Feb, stored overnight in ref'g, dil 1:80 in NaCl & 0.5 ml amts inoc IP into 7 mice.

<u>MOUSE</u>	<u>DAY</u>							
	1	2	3	4	5	6	7	8
1	-	-	-	Asc				
2	-	-	-	Asc D				
3	-	-	-	Asc Asc				
4	-	-	-	Asc Asc				
5	-	-	-	Asc Asc				
6	-	-	-	Asc Asc				
7	-	-	-	-				

Toxo Pan 373

FEB 20 1948

2 mice = good sign sacrificed, brain loaded & to, suspended in 8.0 cc NaCl & after settling for 30', super packaged in to 6 Chab = Pan 373.

<u>MOUSE</u>	<u>DAY</u>					(I or)
	1	2	3	4	5	
1	-	-	CHS			stored in Tyrodex, Feb 24
2	-	-	CHS			
3	-	-	CHS			passaged (Pano 374, 7.I.P) Feb 24
4	-	-	CHS			
5	-	-	CHS D			
6	-	-	CHS D			

BAP 000

Toxo Pass. IP For Exudate.

FEB 21 1948

Proc: PE of 20 Feb stored overnight in the ref. , dil 1:10 & 0.4 ml sent into I.P. into each of 7 Mice all.

MOUSE

DAY

	1	2	3	4	5	6	
1	-	-	-	Asc			} PE used for tests. 26 Feb.
2	-	-	-	Asc			
3	-	-	-	Asc			} PE used for IP Pass.
4	-	-	-	Asc			
5	-	-	-	Asc	Asc		
6	-	-	-	Asc	Asc		
7	-	-	-	Asc	Asc		

See separate sheet

Toxo IP PASSAGE IN GUINEA PIGS FOR EXUDATE

Two large g.p.s (serum previously used as "A" & "B" in two in vitro tests) each rec'd 1.0 cc of undiluted, heparginized, bloody mouse PE obtained to-day, into the peritoneal cavity after complete shaving of abdomen.

GP

DAY

	1	2	3	4	5	6	7	
1	-	-	-	-	-	-	Sick	- See separate sheet
2	-	-	-	-	-	-	-	

NO ASCITES, APPARENT TO HAVE LOST WGT.

FEB 26 1948 - Both g.p.s punctured with 18g. needle but no periton. fluid was obtained

FEB 24 1948

Two mice from Pass 373 were sacrificed, brains smeared & stained, and BAP culture made. These were ground and suspended in 8cc saline and the supernatant passaged to Bell-Halb-Icer = Pass 374 and Bell-Halb-I.P. (0.02 ml) (0.5 ml)

B.A. P. #1000
#2000

Toxo Pass 374-Icer

FEB 24 1948

Toxo I.P. Passage for Exudate

Mouse

Day

	1	2	3	4	5	6	7	8	9	10	
1	-	-	-	-	Asc						} pooled & passaged
2	-	-	-	-	Asc						
3	-	-	-	-	?	D					
4	-	-	-	-	-	-	-	-	?	?	D
5	-	-	-	-	-	-	-	-	-	-	?

FEB 28 1948

mouse

Day

	1	2	3	4	5	6	7	8	
1	-	-	-	Asc					} PE used 28 Feb.
2	-	-	-	Asc					
3	-	-	-	Asc					
4	-	-	-	Asc					
5	-	-	-	Asc					
6	-	-	-	?					

Toxo IP Pass For Exudate.

FEB 26 1948

Dose: PE pooled from 2 mice (sch, pass of 21 Feb) dil 1:5 & inoc 2 x 0.5 ml
units into IP into each of 8 chash.

MOUSEDay

	1	2	3	4	5	6	7	8	9
1	--	--	Asc	} PE used: 1 mouse for tests, also pooled for IP Pass.					
2	--	--	Asc						
3	--	--	Asc						
4	--	--	Asc	- sac & discarded.					
5	--	--	Asc						
6	--	--	Asc	Asc (Asc) (Asc)					
7	--	--	Asc						
8	--	--	Asc						

FEB 28 1948

Two CNS mice from Pass 374 were sacrificed, brains smeared, cultured
ground and suspended in 8 cc saline. After settling, the supernatant
was passaged - Icer (Pass 375) and I.P. to 8 all for Exudate.

BAP: #1 000
#2 000Toxo Pass 375 - Icer

FEB 28 1948

mouseDay

	1	2	3	4	5	6	7	8
1		-	-	CNS	} pooled and passaged - Icer and I.P., 3 March			
2		-	-	CNS				
3		-	-	CNS				
4		-	-	? D				
5		-	-	CNS	CNS	D		
6		-	-	CNS	CNS	D		

Toxo - I.P. Pass for Exudate

FEB 28 1948

MouseDay

	1	2	3	4	5	6	7	8	9
1	--	--	--	Asc	Asc				
2	--	--	--	Asc					
3	--	--	--	Asc					
4	--	--	--	Asc	Asc				
5	--	--	--	Asc					
6	--	--	--	Asc					
7	--	--	--	Asc	Asc (Asc) D				
8	--	--	--	PR					

IP Pan For Exudate

MAR 1 1948

Proc: The two PE's of mice of IP Pan of 26 Feb., containing innumerable parasites, pooled, dil 1:5 in NaCl & poured IP to 8 Ch Alb (0.5 ml/mouse).

<u>Mouse</u>	<u>Day</u>							
	1	2	3	4	5	6	7	8
1	-	-	-	Asc D				
2	-	-	-	Asc D				
3	-	-	-	Asc D				
4	-	-	-	Asc D				
5	-	-	-	Asc D				
6	-	-	-	-	Asc D			
7	-	-	-	-	Asc D			
8	-	-	-	-	Asc D			

Three mouse brains from Pass 375 were harvested, ground and suspended in 12 cc NaCl soln. After settling this material was passaged to 6 Ch Alb Icu = Pass 376 and 8 Ch Alb I.P. [Smears and cultures were made of the brains]

#1 000
BAP! #2 000
#3 000

Two Pass 376 - Icu

MAR 3 1948

<u>mouse</u>	<u>Day</u>					
	1	2	3	4	5	6
1	-	-	?	} used for Icu Pan #377 & IP for Exudate.		
2	-	-	?			
3	-	-	?	D		
4	-	-	-	D		
5	-	-	-	D		
6	-	-	-	PR	- disc	

MAR 6 1948

Two Pass. - I.P. for Exudate

MAR 3 1948

<u>Mouse</u>	<u>Day</u>							
	1	2	3	4	5	6	7	8
1	-	-	-	D				
2	-	-	-	Asc				
3	-	-	-	Asc				
4	-	-	-	Asc				
5	-	-	-	Asc D				
6	-	-	-	Asc D				
7	-	-	-	Asc D				
8	-	-	-	? Asc D				

0.5 ml. PE 1:5 from 5 day
mice of Feb 28

Tox - I.P. Pass. for Exudate

MAR 4 1948

mouse

Day

	1	2	3	4	5	6	7	8	9	10
1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-

sacrificed for exudate, 9 March

MAR 6 1948

Passage From Tox Pass #376 (Icr)

Two mice = early CNS signs sacrificed, brain cult & smeared = moderate number of b.c.o.
Then suspended in 8.0 cc. No. 1 & after clotting for ca 20 minutes, the supernate was
used to passage to 6 alb Icr (= Pass 377) & to 7 alb IP for exudate.

BAP #1000
#2000

0.03 ml 10% MBICr
alb

Tox Pass #377 (Icr)

MAR 6 1948

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-

pooled and passaged 10 March (Pass 378)

? CNS - died under observation

? CNS - stored in Tyrodes - 11 March

? CNS - Passaged IP 11 Mar for exudate. +

0.5 ml IP 10% MB
7 alb.

IP Pass For Exudate.

MAR 6 1948

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-

0.5 ml. I.P.
1:4 Exudate

MAR 8 1948

Toxoplasma I.P. Passage for Exudate

<u>Mouse</u>	<u>Day</u>									
	1	2	3	4	5	6	7	8	9	10
1	-	-	-	Asc	D					
2	-	-	-	Asc	Asc					
3	-	-	-	Asc	Asc					
4	-	-	-	Asc	Asc					
5	-	-	-	Asc	Asc					
6	-	-	-	?	Asc	D				

used for exudate 3/12/48 and for I.P. passage 3/12/48

used for I.P. passage 3/13/48 (exudate)

MAR 9 1948

Exudate from 5 day mice of March 4th was diluted 1:4 with saline and passaged I.P. to 7 C/H alb. mice

0.5 ml I.P.
1:4 Exudate

Toxoplasma I.P. Passage for Exudate

<u>Mouse</u>	<u>Day</u>									
	1	2	3	4	5	6	7	8	9	10
1	-	-	-	Asc	D					
2	-	-	-	Asc	D					
3	-	-	-	Asc	D					
4	-	-	-	?	D					
5	-	-	-	?	D					
6	-	-	-	-	D					
7	-	-	-	-	D					

MAR 10 1948

Toxo. Pass #378 (Icr)

Two mice of Icr Pass 377 in minimal case signs sacrificed. Livers = many toyo.
Pooled & suspended in 8.0 cc NaCl & allowed to settle for ca 10' when super poured Icr to each of 6 Chalb = Pass 378. Remaining super poured I.P. for exudate.

BAP #1 000
#2 " " "

MOUSE DAY (Icr)

	1	2	3	4	5	6
1	D	X	X			
2	-	-	-	D		
3	-	-	-	D		
4	-	-	-	D		
5	-	-	-	D		
6	-	-	-	CNS		

- Harvested and passaged Icr (Pass 379) and I.P.

MAR 15 1948

Toxo IP Pass For Exudate

MAR 10 1948

Brain supernatant ^{of today} passed IP to 7 alb for PE. 0.5 cc 10% MB/mouse.

<u>MOUSE</u>	<u>DAY</u>					
	1	2	3	4	5	6
1	-	-	-	-	D	
2	-	-	-	-	Asc D	
3	-	-	-	-	Asc D	
4	-	-	-	-	Asc D	
5	-	-	-	-	Asc D	
6	-	-	-	-	? D	
7	-	-	-	-	? D	

MAR 11 1948

Toxoplasma IP Passage for exudate.

10% MB Brain of 1 mouse (Toxo pass #377) ground, suspended and supernatant
in NaCl injected IP to 7 ch alb for exudate. -

<u>Mouse</u>	<u>Day</u>						
	1	2	3	4	5	6	7
1	-	-	-	D	Died Under Observation Used for Exudate		
2	-	-	-	Asc			
3	-	-	-	Asc	Died Under Observation Used for Exudate		
4	-	-	-	? D			
5	-	-	-	? D			
6	-	-	-	Asc D			
7	-	-	-	Asc Asc D			

MAR 15 1948

MAR 12 1948

Toxoplasma IP Passage for exudate

5% exudate in NaCl Exudate obtained from mice inoculated IP 3/8/48 diluted 2 saline (20% PE)
0.4 cc mixed and 0.4 cc injected IP in 7 ch albinos for exudate

<u>Mouse</u>	<u>Day</u>						
	1	2	3	4	5	6	7
1	-	-	Asc	PE used 16 March 48			
2	-	-	Asc				
3	-	-	Asc				
4	-	-	Asc				
5	-	-	Asc D				
6	-	-	Asc Asc Asc D				
7	-	-	? Asc Asc D				

MAR 13 1948

Toxoplasma IP Passage for Exudate

5% exudate. Exudate obtained from mouse inoculated 3/8/48 diluted & saline
in NaCl 1/4 and 0.4 cc injected IP into 7 ch alb. mice

<u>Mouse</u>	<u>Day</u>	
1	1 2 3 4 5 6 7	- ? Asc "
2		- ? Asc "
3		- - Asc "
4		- - Asc "
5		- - 5 Asc }
6		- - ? Asc }
7		- - ? ? D }

tapped abis for exudate 3/17
PE used for passage 18 MAR 48

MAR 15 1948

Remaining mouse of Pass #378 sacrificed, brain ground in 4 cc saline.
Supernatant passaged. ser = Pass 379 to 6 ch alb. and I.P. to
6 ch alb.

Tox Pass 379 (I ser)

BAP:000

<u>Mouse</u>	<u>Day</u>	
1	1 2 3 4 5 6 7 8	- - - D
2		- - - CUS }
3		- - - CUS }
4		- - - CUS D
5		- - - CUS D
6		- - - CUS D

pooled + passaged 3/19/48

Tox Pass - I.P. for Exudate

MAR 15 1948

0.5% and 10% MB IP.

<u>mouse</u>	<u>Day</u>	
1	1 2 3 4 5 6 7 8	- - ASE ASE D
2		- - ASE ASE D
3		- - ? ASE D
4		- - ? ASE D
5		- - - ? ASE }
6		- - - ? ASE }

PE Passaged for exudate 20 MAR 48

IP PASSAGES FOR EXUDATE

MAR 18 1948

PE obtained from 4 mice (Pan of 13 March), pooled & dil 1:4 & 1:100 in NaCl & immediately passaged to groups of 4 mice (0.5 ml IP/mouse.)

PE 1/4 - 0.5 ml IP

Chab. Mouse

	<u>DAY</u>					
	1	2	3	4	5	6
1	-	-	-	D		
2	-	-	-	D		
3	-	-	-	Asc		
4	-	-	-	Asc		
5	-	-	-	Asc		
6	-	-	-	Asc		
7	-	-	-	Asc		

used for effect of diluent titration exp. 22 Mar 48

PE 1/100 - 0.5 ml IP

Chab. alb.

Mouse

	<u>DAY</u>							
	1	2	3	4	5	6	7	8
1	-	-	-	Asc	Asc	D		
2	-	-	-	Asc	Asc	D		
3	-	-	-	Asc	Asc	Asc	D	
4	-	-	-	?	Asc	Asc	D	
5	-	-	-	?	Asc	Asc	D	
6	-	-	-	?	Asc	Asc	Mo. D	

MAR 19 1948

Two mice of Pass 379 sacrificed, brains of both harvested, cultured, and smeared (positive for Toxo.) Ground in 8 cc saline, and divided supernatant being inoculated as follows.

7 Chab. 0.02 cc 10% MB in NaCl 1 cu
7 " 0.5 cc " " " 1 P.

BAP #1 000
#2 000

0.02 cc
10% MB in
NaCl
1 cu

Toxo passage # 380 1 cu.

Mouse

	<u>Day</u>				
	1	2	3	4	5
1	-	-	CNS		
2	-	-	CNS		
3	-	-	2 D		
4	-	-	2 D		
5	-	-	- D		
6	-	-	-		
7	-	-	-		

sacrificed & passaged 3/22/48

- CNS died under observation

- CNS D

MAR 19 1948

Toxo IP passage for exudate

0.5 cc 10% MB in Saline (from harvest Toxo pass #379) IP.

<u>Mouse</u>	<u>Day</u>
0.5 cc	1 2 3 4 5 6 7
10% MB	1 - - Asc PE used for opt. on 23 Mar.
mNal	2 - - Asc " " " " " "
IP	3 - - Asc D
chall.	4 - - Asc Asc Asc D
	5 - - Asc Asc Asc Asc D
	6 - - Asc Asc Asc Asc D
	7 - - D

MAR 20 1948

IP Pass for Exudate.

PE of 15 Mar mice pooled from 2 seminars. = 1.4 cc old. This pass. IP, 0.2 cc/mouse usability for exudate.

<u>MOUSE</u>	<u>DAY</u>
IP Pass	1 2 3 4 5 6
0.2 PE	1 - Asc May fee info
chall.	2 - Asc Mud fee info
	3 - Asc Cellular - n.g. sparse exudate
	4 - Asc Exudate too sparse.
	5 - ? D
	6 - ? Asc - used for ^{dead} mouse inoc. 24 March.
	7 - ? Asc D

MAR 22 1948

Two mice of Pass #380, sacrificed, brains of both harvested, smeared and cultured. Ground in 8 cc Saline, supernatant injected 1 cc into 5 mice.

0.02 cc 10%
MB in
Nal
1 cc

<u>Mouse</u>	<u>Day</u>
1	- - D
2	- - ?
3	- - ?
4	- - ?
5	- - ?

} stored typhoid 3/26/48

} passaged 3/25 pass 382

BAP
1 0 0 0
2 0 0 0

MAR 22 1948

Toxoplasma IP Passage for exudate.

0.5 cc PE
 1/3 IP. Mice (5) 3/19/48 harvested, and exudate diluted 1/3
 0.5 cc 1/3 exudate given IP.

<u>Mouse</u>	<u>Day</u>	
1	1 2 3 4 5	- - - - -
2	- - - - -	Asc - ok for use.
3	- - - - -	Asc sacrificed for exudate 3/25
4	- - - - -	Asc } Little exudate - almost all lysis I cells. - no used.
5	- - - - -	Asc
6	- - - - -	? Asc D
	- - - - -	? Asc D

MAR 23 1948

Toxoplasma IP Passage for Exudate

0.5 cc pooled PE
 1/4 IP.

Mice 3/19 and 3/20 harvested, PE pooled +
 diluted 1/4 - 0.5 cc given IP.

<u>Mouse</u>	<u>Day</u>	
1	1 2 3 4	- - - - -
2	- - - - -	Asc Asc } Sacrificed for exudate 3/27/48
3	- - - - -	Asc Asc
4	- - - - -	? Asc
5	- - - - -	Asc
6	- - - - -	Asc
7	- - - - -	? D
8	- - - - -	? D

MAR 24 1948

Toxo. Challenge 4 adult ♂ ch alb.

0.5 cc PE

1/4 IP. Mouse

<u>Mouse</u>	<u>Day</u>	
1	1 2 3 4 5	- - - - -
2	- - - - -	D
3	- - - - -	D
4	- - - - -	D
5	- - - - -	Asc D

MAR 25 1948

Toxo IP Passage for Exudate

3 day PE diluted 1/3 0.5 cc IP.

<u>Mouse</u>	<u>Day</u>	
1	1 2 3 4 5	- - - - -
2	- - - - -	D
3	- - - - -	D
4	- - - - -	Asc D
5	- - - - -	Asc D
6	- - - - -	Asc D
	- - - - -	Asc Asc

MAR 25 1948

Four mice Pass 381 sacrificed. brains smeared + culture after harvest.
 2 found in 8 cc saline - supernatant given 0.02 cc per to 6 sh
 alb. mice
 2 brains stored in tyrodes.

Toxo Pass 382

BAP

100
 200
 300
 400

402, 102, 1, B

m Null mouse

ICR

	1	2	3	4	5	Day
1	-	-	-	-	-	
2	-	-	-	-	-	
3	-	-	-	-	-	
4	-	-	-	-	-	
5	-	-	-	-	-	
6	-	-	-	-	-	

2 brains → tyrodes 3/28/48

MAR 26 1948

Toxo IP passage for Exudate

3 day PE diluted 1/2 0.5 cc given to 8 mice IP.

Mouse	1	2	3	4	5	Day
1	-	-	-	-	-	
2	-	-	-	-	-	
3	-	-	-	-	-	
4	-	-	-	-	-	
5	-	-	-	-	-	
6	-	-	-	-	-	
7	-	-	-	-	-	
8	-	-	-	-	-	

harvested for P.E. 3/29/48

MAR 27 1948

Toxo IP Passage for Exudate4 day PE undiluted ~~1/2~~ 0.25 cc given to 8 mice IP.

Mouse	1	2	3	4	5	Day
1	-	-	-	-	-	
2	-	-	-	-	-	
3	-	-	-	-	-	
4	-	-	-	-	-	
5	-	-	-	-	-	
6	-	-	-	-	-	
7	-	-	-	-	-	
8	-	-	-	-	-	

harvested for P2 3/30/48

MAR 29 1948

Toxo IP Passage for Exudate0.5cc 10% MB
in NaCl10% MB in Tyrodes and NaCl given (0.5 cc) to 8 ch alb mice
I.P. (Brains from passage #382)

Mouse	1	2	3	4	5
1	-	-	?		
2	-	-	?		
3	-	-	?		
4	-	-	?		
5	-	-	-	Asc	- PE of (2 gm.)
6	-	-	-	Asc	- PE cellular
7	-	-	-	?	- PE fm
8	-	-	-	?	- PE fm.

harvested 4/1/48

MAR 29 1948

2 brains from passage #382 which were harvested 3/28/48 and stored overnight in Tyrodes, ground, and suspended in total sec fluid, 50% NaCl + 50% Tyrodes: 0.03cc 10% MB suspension given I.P. to 6 ch alb. mice

Toxo Passage #383. I.C.

Mouse	1	2	3	4	5
1	-	-	CNS		
2	-	-	CNS		
3	-	-	?	D	
4	-	-	-	D	
5	-	-	-	CNS	
6	-	-	-	CNS	

Pan 384, APR 1 1948

Pan 384 A APR 2 1948

MAR 30 1948

Toxo IP Passage for Exudate0.25cc IP
undiluted
3 day PE.

0.25cc given I.P. to 8 mice: (3 day undiluted P.E.)

Mouse	1	2	3	4	5
1	-	-	Asc		
2	-	-	Asc		
3	-	-	Asc		
4	-	-	Asc	Asc	
5	-	-	-	Asc	
6	-	-	-	Asc	
7	-	-	-	Asc	
8	-	-	-	Asc	

PE's of slight prot. & for cellular.

Harvested for P₂ 4/3/48

APR 1 1948

Toxo Pass. #384 (Icr)

Two mice: ears signs of Pass 383 sacrificed, brain smears: heavy toxo, culture BAP, suspended in 8.0cc NaCl & after settling for ca 10', passaged Icr to 6 host mice. 0.03ml/pass. Passage made late in the afternoon. - Pass 384

BAP #1 000
#2 000MOUSEDAYIcr Pass 384

	1	2	3	4	5	6
1	-	-				D
2	-	-				ears D
3	-	-				ears D
4	-	-				ears D
5	-	-				ears D
6	-	-				ears D

APR 1 1948

Toxo IP Pass. For Exudate

PE pooled from 4, three day mice this a.m. totaled 0.6cc. this dil to 4.0cc in NaCl & then 8 mice given 0.5cc IP for exudate.

MOUSEDAY

	1	2	3	4	5	6
1	-	-				Asc
2	-	-				Asc
3	-	-				Asc
4	-	-				Asc
5	-	-				Asc Asc Asc D
6	-	-				? Asc Asc Asc D
7	-	-				? Asc Asc Asc D
8	-	-				? Asc Asc Asc D

harvested for PE 4/5/48

APR 2 1948

Toxo plasma Pass. "384-A."

Two remaining mice of passage "383" sacrificed - brains smeared positive for toxoplasma. Cultured BAP. Smeared in 8cc NaCl, supernatant passaged to 8 max. alb. mice 0.03cc 1cc. 10:30 AM.

BAP 1000
2000MouseDay

	1	2	3	4	5
1	-				
2	-				
3	-				
4	-				
5	-				
6	-				
7	-				
8	-				

used for rabbit next 5 April 48
and IP & Icr Pass.

6 alb
0.5 cc
10% MB
in NaCl

Toxoplasma IP Passage for Exudate
0.5 cc 10% MB (Pass 384) in NaCl I.P.

APR 2 1948

<u>Mouse</u>	<u>Day</u>	1	2	3	4	5
1	-	-	-	Asc	D	
2	-	-	-	Asc	D	
3	-	-	-	Asc	D	
4	-	-	-	Asc	Asc	D
5	-	-	-	?	Asc	D
6	-	-	-	?	?	Asc D

APR 3 1948

7 Max alb.
0.25 cc
P.E. 4 day
I.P.

Toxoplasma IP Passage for Exudate.
0.25 cc undiluted 4 day P.E. I.P.

<u>Mouse</u>	<u>Day</u>	1	2	3	4	5
1	-	D				
2	-	Asc	Asc	D		
3	-	Asc	Asc	D		
4	-	Asc	Asc	D		
5	-	Asc	Asc	D		
6	-	Asc	Asc	Asc	D	
7	-	?	Asc	Asc	Asc	D

5-April 48

Toxo Icer Pass 385

Three mice ens signs of Pan 384-A & with numerous tx on smear, pooled, suspended in 12 cc
60% NSS, filtered thru gauze & then inoc Icer to 6 alb, 0.03 ml/mouse. = Pan 385

<u>MOUSE</u>	<u>DAY</u>	1	2	3	4	5	6
1	-	-	ENS				
2	-	-	ENS				
3	-	-	ENS				
4	-	-	ENS				
5	-	-	ENS				
6	-	-	?	D			

BAP 000

Sacrificed & stored in Tyrodes #18

passaged 48 = Pass 386.

5 April 48

IP Toxo Pass For Exudate.

the filtered 10% MB used for Icr Pass #385, inoc. IP into each of 6 alb, 0.5 ml/mouse.

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	Asc	Asc		
2	-	-	Asc	Asc		
3	-	-	-	Asc		
4	-	-	-	Asc		
5	-	-	-	Asc	Asc	D
6	-	-	-	-	Asc	D

harvested for P.E. 4/9/48

APR 8 1948

Toxo plasma 1 Cr Passage #386

Five mice of Passage #385 & CNS signs harvested, brains smeared + cultured BAP. Smears positive for toxo. -

Brains 1+2+3 stored in 2 cc Typhlosis.

Brains 3+4 ground in 8 cc saline, and supernatant given 1 Cr (0.03 cc) to 6 ch alb mice

0.03 cc 10% MB
w/ NaCl 1 Cr

Passage #386

BAP

Mouse

Day

1 2 3 4 5

1	-	-	CNS		
2	-	-	CNS		
3	-	-	AbD		
4	-	-	? D		
5	-	-	? D		
6	-	-	- D		

passage 4/11/48 Pass 387

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0

APR 8 1948

Toxo plasma 1P Passage for Exudate.

0.5 cc saline suspension 10% MB of Pass #386 above - given to 6 ch alb mice I.P.

0.5 cc 10% M.B.
w/ NaCl I.P.

Mouse

Day

1 2 3 4 5

1	-	-	D		
2	-	-	D		
3	-	-	Asc		
4	-	-	Asc		
5	-	-	Asc		
6	-	-	Asc		

harvested for P.E. 4/12/48

APR 5 1948
APR 9 1948

0.4 cc undil. 4 day Toxo IP Passage for Exudate
PE LR

0.4 cc undiluted 4 day PE. injected IP.

Mouse	Day	1	2	3	4	5
1	-	-	-	As		
2	-	-	-	As		
3	-	-	-	As		
4	-	-	-	As		
5	-	-	-	?	D	
6	-	-	-	?	D	

harvested for PE 4/13/48

APR 10 1948

Toxo IP Passage for Exudate.

0.4 cc 1/3 dilution 5 day PE IP.

Mouse	Day	1	2	3	4	5
1	-	As	D			
2	-	As	D			
3	-	-	-	D		
4	-	-	As			
5	-	-	As			
6	-	-	As			

harvested for PE 4/14/48

APR 11 1948

Toxoplasma ICR Pass # 387

Two mice from passage # 386 $\pm$ CNS signs sacrificed, harvested, brains cultured BAP + smeared - (pos toxo) - ground in Pea Nact, and 0.03 cc supernatant given ICR to 6 alb. mice. -

0.03 cc 10% MB
mNact ICR.

Passage # 387

BAP 1000
2000

Mouse	Day	1	2	3	4	5
1	-	-	CNS			
2	-	-	CNS			
3	-	-	CNS			
4	-	-	CNS			
5	-	-	CNS	D		
6	-	-	CNS	D		

did under observation
passaged 4/14/48 = #388

APR 11 1948

Toxo plasma IP Passage for Exudate0.5 cc 10% MB
w NaCl IP.

0.5 cc 10% MB w NaCl IP (Passage 386)

MouseDay

1 2 3 4 5

1	-	-	Asc	Asc	} harvested for P.E. 4/15/48
2	-	-	Asc	Asc	
3	-	-	?	Asc	
4	-	-	?	Asc	
5	-	-	-	Asc D	
6	-	-	-	Asc D	

APR 12 1948

Toxo plasma IP Passage for Exudate0.5 cc undiluted
4 day PE IP.

0.5 cc undiluted 4 day P.E. IP.

MouseDay

1 2 3 4 5

1	-	-	Asc	Asc	} harvested for P.E. 4/16/48
2	-	-	?	Asc	
3	-	-	?	Asc	
4	-	-	?	Asc	
5	-	-	-	Asc D	
6	-	-	-	Asc D	

APR 14 1948

Toxoplasma ICR Passage # 388Two mice of passage #386 c CNS signs sacrificed, harvested, brains
cultured BAP + smeared (good heavy Toxo infection)0.03 cc 10% MB - ground in 8 cc 50% RS/NaCl - and supernatant used for
in 50% RS/NaCl Rabbit hearts + for passage to 6 ch alb mice
1 cc.Passage # 388BAP 1000
2000MouseDay

1 2 3 4 5

1	-	-	D		
2	-	-	D		
3	-	-	CNS	} harvested, stored in Tyrodes	
4	-	-	CNS		
5	-	-	CNS	} harvested - passaged = #389	
6	-	-	CNS		

4/15/48

Toxo IP Passage for Exudate
 0.5 cc undiluted 4 day PE IP. 0.5 cc undiluted 4 day PE IP.

Mouse	Day	1	2	3	4	5
1	-	-	-	-	-	D
2	-	-	-	-	-	Asc - used for titrations 19 April 48
3	-	-	-	-	-	Asc } used for IP Pass on 19 April 48
4	-	-	-	-	-	Asc }
5	-	-	-	-	-	Asc D
6	-	-	-	-	-	Asc Asc D

APR 16 1948

Toxo IP Passage for Exudate

0.5 cc undiluted
 4 day PE IP.

0.5 cc undiluted 4 day PE IP.

Mouse	Day	1	2	3	4	5
1	-	-	-	-	-	Asc D
2	-	-	-	-	-	Asc D
3	-	-	-	-	-	Asc D
4	-	-	-	-	-	Asc D
5	-	-	-	-	-	Asc D
6	-	-	-	-	-	D

APR 17 1948

Toxoplasma Pass # 389.

4 mice pass # 388 ± CNS signs. sacrificed, harvested, cultured on BAP
 + smeared (for Toxo)

2 brains (1+2) stored in refrigerator in 2 cc each Tyrodine

Brains 3+4 ground in 10 cc NaCl, supernatant given 1 cc (0.03 cc)
 to each of 6 chick mice

0.03 cc 10% MB
 in NaCl 1 cc

Pass # 389

Mouse	Day	1	2	3	4	5
1	-	-	-	-	-	(CNS)
2	-	-	-	-	-	(CNS) } harvested - Passaged = #390
3	-	-	-	-	-	(CNS) D
4	-	-	-	-	-	? D
5	-	-	-	-	-	D
6	-	-	-	-	-	D

APR 17 1948

Toxo IP Passage for Exudate0.5 cc 10% MB
in NaCl IP.

0.5 cc 10% MB in NaCl (Pass 388) IP. 6 ch alb.

Mouse Day 1 2 3 4

1	-	Asc	Asc	} harvested for PE 4/21/48	
2	-	Asc	Asc		
3	-	?	Asc		
4	-	-	Asc		
5	-	-	Asc		
6	-	-	Asc	Asc	Asc

APR 19 1948

Toxo IP Passage for Exudate.0.5 cc 4 day PE
1/3 in NaCl0.5 cc 4 day PE 1/3 in NaCl IP.
6 ch alb. mice

<u>Mouse</u>	1	2	3	4	5
1	-	-	Asc	Asc	D
2	-	-	Asc	Asc	D
3	-	-	Asc	Asc	D
4	-	-	?	Asc	Asc
5	-	-	-	Asc	Asc
6	-	-	-	?	Asc

APR 20 1948

Toxo plasma Passages # 390Two mice $\pm$ CNS Signs from Passage #389 sacrificed, brains cultured,
+ smeared (pos Toxo).Brains ground in 8 cc NaCl + supernatant given (0.03 cc) 1 cu to
each of 6 ch alb. mice.0.03 cc 10% MB
in NaCl
1 cuPassage # 390

BAD

1000
2000

<u>Mouse</u>	1	2	3	4	5
1	-	-	CNS	} passaged = #391	
2	-	-	CNS		
3	-	-	CNS		
4	-	-	CNS		
5	-	-	?	CNS	D
6	-	-	?	CNS	CNS

APR 20 1948

Toxo IP Passage for Exudate0.5 cc 10% MB
in NaCl
IP.0.5 cc 10% MB in NaCl (Pass #389 brain suspension)
6 ch alb. mice

<u>Mouse</u>	1	2	3	4	5
1	-	-	Asc	Asc	} harvested for PE 4/24/48
2	-	-	Asc	Asc	
3	-	-	Asc	Asc	
4	-	-	Asc	Asc	
5	-	-	Asc	Asc	
6	-	-	Asc	Asc	Asc

PE panel IP 4-25-48

Toxoplasma Passage #391

APR 20 1948

Two mice c CNS signs from passage #390 sacrificed + harvested. Brains cultured and smeared (pos toxo) ground in Bee Nal and 0.03 cc supernatant given 1 cu to each of 6 ch alb mice

0.03 cc 10% MBW Nal

Pass #391

BAT. 1000
2000

Mouse	Day	
1	1	3 4 5
2	-	CNS
3	-	CNS
4	-	CNS D
5	-	CNS D
6	-	? D
		? CNS D

Pooled (#392) Icu + IP 26 April 48.

APR 23 1948

Toxo IP Passage for Exudate

0.5 cc 10% MBW Nal IP

6 ch alb mice

0.5 cc 10% MBW Nal IP (pass #390)

Mouse	Day	
1	1	2 D
2	-	2 Asc
3	-	Asc
4	-	Asc
5	-	Asc Asc D
6	-	Asc Asc D

nailed 27 April.

APR 24 1948

Toxo IP Pass. For Exudate.

PE pooled from 4 mice of 20 Apr. pass + containing many toxo, inoc. into 6 ch alb, 0.5 ml of undil PE/IP mouse.

Mouse

DAY

Mouse	DAY	
1	1	2 3 4 5 6
2	-	Asc Asc
3	-	Asc Asc
4	-	Asc Asc
5	-	Asc Asc
6	-	? Asc
		? Asc

Sac. FOR PE Expts. 28 April 48

APR 26 1948

Toxo. Pass. # 392 (Ica.)

Two mice of Ica Pass #391 $\in$ CNS signs sacrificed, brains ^{cut.} pooled (severe heavy toxo infection), ground & suspended in 8.0cc & allowed to settle ca 10'. Supernatant then used to passage Ica & IP.

BAP #1 0000
#2 00006 ch alb.
0.03 ml 10%
MB
ton.MOUSEDAY

(Ica Pass #392)

	1	2	3	4	5
1	-	-	D		
2	-	-	D		
3	-	-	D		
4	-	-	CNS	} passaged = Pass 393	
5	-	-	CNS		
6	-	-	CNS CNS D		

APR 29, 1948

Toxoplasma Pass # 393 Ica.

Two mice of Pass #392 $\in$ CNS signs sacrificed, harvested, brains smeared (pos Toxo) and cultured BAP.

Brains pooled and ground in 8cc NaCl, supernatant given Ica (0.03cc) to each of 6 ch alb mice

BAP 1000
2000

Pass #393

Mouse	Day	1	2	3	4	5
1	-	-	CNS	} passaged 5/2/48 = #394		
2	-	-	CNS			
3	-	-	CNS D			
4	-	-	?	D		
5	-	-	?	D		
6	-	-	-	CNS D		

MAY 2-1948

Two mice of Pass #393 $\in$ CNS signs sacrificed, harvested brains smeared (pos Toxo) and cultured BAP.

Brains pooled & ground in 8cc NaCl, supernatant given Ica (0.03cc) to each of 6 ch alb. mice

BAP 1000
2000Passage # 394

Mouse	Day	1	2	3	4	5
1	-	-	D			
2	-	-	CNS	} harvested 5/5/48 = Pass #395		
3	-	-	CNS			
4	-	-	CNS D			
5	-	-	CNS CNS CNS D			
6	-	-	?	CNS CNS ?		

Toxoplasma Pass #395

MAY 5 - 1948

Two mice of Pass #394 $\pm$ CNS signs sacrificed on 3rd day. Brains smeared, (postoxo) + cultured BAP.

Brains pooled, ground in 8cc NaCl, and supernatant given 1 Cn (0.03 cc) to each of 6 ch alb mice

0.03cc 10% MB in NaCl
1 Cn.

Pass #395

BAP 1 000
2 000

Day	1	2	3	4	5
Mouse					
1	-	-	D		
2	-	-	D		
3	-	-	D		
4	-	-	CNS		
5	-	-	CNS		
6	-	-	CNS D		

sacrificed, harvested + pooled - Pass #396 5/8/48

Toxoplasma Pass #396

MAY 8 1948

Two mice of Pass #395 $\pm$ CNS signs, sacrificed harvested on 3rd day. Brains smeared, postoxo, and cultured BAP.

Brains pooled, ground in 8cc NaCl, and supernatant given (0.03 cc 1 Cn) to each of 6 ch alb mice

0.03cc 10% MB
in NaCl
1 Cn.

Day	1	2	3	4	5
Mouse					
1	-	-	D		
2	-	-	D		
3	-	-	CNS		
4	-	-	CNS		
5	-	-	CNS		
6	-	-	CNS		

stored in Tyrodes 5/10/48

sacrificed + passaged 5/11/48

BAP 1 000
2 000

Toxoplasma Passage #397

MAY 13 1948

Four mice $\pm$ CNS signs of Pass #396 sacrificed + harvested: Brains smeared (postoxo) + cultured BAP.

2 Brains (1+2) stored in 2cc Tyrodes

2 Brains (3+4) pooled, ground in 8cc NaCl, and supernatant given (0.02 cc) 1 Cn to each of 6 ch alb mice

0.02cc 10% MB
in NaCl 1 Cn

Pass #397

Day	1	2	3	4	5
Mouse					
1	-	-	D		
2	-	-	D		
3	-	-	CNS		
4	-	-	CNS		
5	-	-	CNS		
6	-	-	CNS		

died during day.

harvested $\rightarrow$ Pass #398 + Rabbit went 5/14/48

MAY 14 1948

Toxoplasma Passage #398.

Two mice Passage #397 CNS signs, sacrificed + harvested: Brains smeared (pos toxo) - Cultured BAP.

Brains pooled + ground in 8cc 2% R.S. - filtered through sterile gauze filter, and divided

→ a) one part utilized for rabbit tests.

0.03 cc 10% MB in 2% R.S. 1cc → b) one part utilized for passage

BAP

 1 0 0
 2 0 0

Mouse	Day
1	2 3 4 5 6

1	-	CNS	} harvested - stored in Tyrodes 5/17/48
2	-	CNS	
3	-	CNS	
4	-	CNS	} passage = pass #399 5/17/48
5	-	CNS	
6	-	CNS D	

MAY 17 1948

Toxoplasma, Pass #399.

Five mice CNS signs of pass #398 sacrificed + harvested: Brains smeared (pos toxo) and cultured BAP.

Brains 1, 2 + 3 - stored in 2cc each Tyrodes.

Brains 4 + 5 - ground in 8cc saline, and supernatant given (0.03 cc) to each of 6 ch alb mice

0.03 cc 10% MB in NaCl 1cc.

Mouse	Day
1	1 2 3 4 5 6

 BAP 1 0 0 0
 2 0 0 0
 3 0 0 0
 4 0 0 0
 5 0 0 0

1	-	- D	} harvested + passaged = Pass #400 5/20/48
2	-	- D	
3	-	- CNS	
4	-	- CNS	} harvested + passaged = Pass #400 5/20/48
5	-	- CNS D	
6	-	- CNS CNS D	

MAY 20 1948

Toxoplasma Pass #400

Two mice CNS signs of Pass #399 sacrificed + harvested: Brains smeared (pos toxo) + cultured BAP.

- ground in 8cc saline after pooling, and 0.03 cc supernatant given to each of 4 ch alb mice 1cc

0.03 cc 10% MB in NaCl 1cc

Mouse	Day
1	1 2 3 4 5

 BAP 1 0 0 0
 2 0 0 0

1	-	- CNS	} pooled + passaged (#401) 5/23/48
2	-	- CNS	
3	-	- CNS D	
4	-	- ? D	}
5	-	- D	
6	-	- CNS D	

MAY 23 1948

Toxoplasma Passage #401

Two mice of passage #400 $\bar{c}$ CNS signs sacrificed + harvested: Brains smeared (for toxo) + cultured BAP.

Brains pooled, ground in 8 cc NaCl, and 0.03 cc of supernatant given to each of 6 max alb. mice 1 cu.

0.03 cc 10%
M.B. NaCl
1 cu.

Mouse	Day	
1	1	- - CNS } harvested + passaged 5/26/48
2	2	- - CNS }
3	3	- - ? } practice harvest
4	4	- - ? }
5	5	- - ? D
6	6	- - ? D

BAP 1 000
2 000

MAY 26 1948

Toxoplasma Pass #402

Two mice of passage 401 $\bar{c}$ CNS signs sacrificed + harvested: Brains smeared (for toxo) + cultured BAP.

Brains pooled, ground in 8 cc NaCl and 0.03 cc of supernatant given to each of 6 ch alb. mice 1 cu.

0.03 cc 10%
w NaCl
1 cu

Mouse	Day	
1	1	D
2	2	- - CNS } harvested + passaged 5/29/48
3	3	- - CNS }
4	4	- - CNS D
5	5	- - ? D
6	6	- - ? D

BAP 1 000
2 000

Toxoplasma Pass #403

MAY 29 1948

Two mice of passage #402 $\bar{c}$ CNS signs sacrificed + harvested: Brains smeared (for toxo) + cultured BAP.

Brains pooled, ground in 8 cc NaCl and 0.03 cc supernatant given to each of 6 ch alb. mos. - 1 cu.

BAP 1 000
2 000

Mouse	Day	
1	1	D
2	2	- - CNS }
3	3	- - ? }
4	4	- - ? }
5	5	- - ? }
6	6	- - ? }

sacrificed + harvested 6/1/48

all developed CNS later in afternoon.

JUN 1 1948

Toxoplasma Passage #404.

Five mice of Passage #403 showing CNS signs were sacrificed and harvested: Brains smeared (for toxo.) and cultured BAP.

Brains #1, 2 and 3 stored in 2 cc Tyndes rack. and refrigerated
Brains #3, and 4 ground in 8 cc NaCl, and 0.03 cc supernatant given to each of 6 ch alb mice 1 cr.

Day	1	2	3	4
mouse	1	2	3	4
1	-	-	CNS	} sacrificed + harvested 6/4/48
2	-	-	CNS	
3	-	-	CNS	
4	-	-	CNS	
5	-	-	?	
6	-	-	?	CNS

BAP 1 000
2 000
3 000
4 000
5 000

JUN 4 1948

Two mice of Pass #404 & CNS signs sacrificed + harvested: Brains smeared (for toxo) + cultured BAP.

Brains pooled, ground in 8 cc NaCl, and 0.03 cc supernatant given to each of 6 ch alb mice 1 cr.

Toxoplasma Passage #405

Day	1	2	3	4	5
mouse	1	2	3	4	5
1	-	-	CNS	} sacrificed + harvested 6/7/48	
2	-	-	CNS		
3	-	-	CNS		
4	-	-	?		
5	-	-	?		
6	-	-	?		

BAP 1 0 0
2 0 0

JUN 7 1948

Two mice of Pass #405 & CNS signs, sacrificed + harvested: Brains smeared (for toxo) + cultured BAP.

Brains pooled, ground in 8 cc NaCl, and 0.03 cc supernatant given to each of 6 ch alb mice 1 cr.

Toxo. Pass #406

Day	1	2	3	4	5
mouse	1	2	3	4	5
1	-	-	CNS	} sacrificed + harvested 6/10/48	
2	-	-	CNS		
3	-	-	?		
4	-	-	?		
5	-	-	?		
6	-	-	?		

BAP 1 000
2 000

JUN 10 1948

Two mice i CNS signs of Passage #406 sacrificed + harvested.
 Brains smeared (Jostoxo) + cultured BAP.

Brains ground in 8cc NaCl and 0.03cc supernatant given to each of 6 ch alb mice 1 cr.

Supernatant diluted 1:100 and 0.03 cc given to each of 4 ch alb mice for shipment to Duke University.

Toxoplasma Passage 407

Day
 Mouse 1 2 3 4 5

BAP 000
 000

1 - - D
 2 - - CNS } sacrificed + harvested 6/13/48
 3 - - CNS
 4 - - CNS
 5 - - CNS
 6 - - CNS

JUN 13 1948

Two mice of Passage #407 i CNS signs sacrificed + harvested: Brains
 smeared (Jostoxo) + cultured BAP.

Brains ground in 8cc NaCl, and supernatant 0.03 cc given
 1 cr to each of 6 ch alb mice.

Toxoplasma Pass #408

Day
 Mouse 1 2 3 4 5

1 - - D
 2 - - D
 3 - - CNS } Pass 409 JUN 16 1948
 4 - - CNS
 5 - - CNS
 6 - - CNS

JUN 16 1948

Tox. Pass #409

Two mice of Pass 408 sacrificed. Brains pooled, suspended in 8.0 cc NaCl, allowed to
 settle for ca 10' + superjanged 1 cr to 5 ch alb. = Pass 409.

BAP 000

MOUSE

DAY

1 2 3 4
 1 D
 2 - - D
 3 - - CNS } Pass 410 JUN 19 1948
 4 - - CNS
 5 - - CNS

Toxo. Pan #410

JUN 19 1948

Two CNS mice of Pan 409 sacrificed. Brain smears = heavy infection. Culture on BAP & then pooled & suspended in 6 Ch alb, 0.3 ml I.c. = Pan 410

BAP 1000
2000

Mouse.

Day

	1	2	3	4
1	-	-	D	
2	-	-	CNS	} Pan #411 - 22 June.
3	-	-	CNS	
4	-	-	CNS	
5	-	-	CNS	
6	-	-	CNS	

Toxo Pan #411

22 June 48

Two CNS mice of #410 pooled, suspended in 8.0 cc NaCl, allowed to settle for 10' & superpumped I.c. to 6 Ch alb. = Pan #411

BAP 000

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	D			
2	-	-	D			
3	-	-	CNS	} Pan = #412 - 25 June		
4	-	-	CNS			
5	-	-	CNS			
6	-	-	CNS			

Toxo Pan #412

25 June 48

Two CNS ^{mouse} mice (brain smears heavy toxo) brains suspended in 8.0 cc NaCl, allowed to settle for ca 10' & superpumped I.c. to 9 Ch alb = Pan 412. BAP 0

MOUSE

DAY

	1	2	3	4	5
1	-	} Two shipped to Penn in caly. 26 June. Along 5 IP mice injected 26 June.			
2	-				
3	-	-	D		
4	-	-	D		
5	-	-	D		
6	-	-	D		
7	-	-	CNS	} Pan. #413	JUN 29 1948
8	-	-	CNS		
9	-	-	CNS D		

Toxo. Iber Pan #413

JUN 29 1948

Two Cus mice of pan 412 sacrificed, brain smears = heavily positive so pooled & suspended in 8.0 cc NaCl. Allowed to settle for ca 10' & super jarred Icer to 6 Chalt = Pan #413 BAP 000

MOUSE

DAY

	1	2	3	4	5
1	-	-	-	D	
2	-	-	-	D	
3	-	-	-	CNS	
4	-	-	-	CNS	
5	-	-	-	D	D
6	-	-	-	D	D

7/3/48 Many toxo; stored in 10% rabb. serum saline

JUL 8 1948

Toxo. Pan #414

The two stored brains of #413 suspended in their 10% PSS & enough NaCl to make a 10% susp. This then jarred Icer to 6 Chalt, 0.03 ml/mouse/icin.

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	-	? D		
2	-	-	-	? D		
3	-	-	-	? D		
4	-	-	-	? CNS		
5	-	-	-	? CNS		
6	-	-	-	- CNS		

Pan #415 JUL 13 1948

JUL 13 1948

Toxo. Pass. #415

Brains of 2 mice = terminal cus signs (heavy to a smear) cooled & suspended in 8.0 cc NaCl. Allowed to settle for ca 10' & super jarred Icer to 6 Chalt., 0.03 ml/mouse.

MOUSE

DAY

Pan 415

	1	2	3	4	5
1	-	-	-	CNS	
2	-	-	-	CNS	
3	-	-	-	CNS	
4	-	-	-	CNS	
5	-	-	-	CNS	
6	-	-	-	?	

Pan 416. JUL 17 1948

Toxo. Pass. #416

JUL 17 1948

Two mice of #415 = good cns sacrificed. Brain smears = heavy tox infection
so brain pooled, suspended in 8.0cc NaCl & allowed to settle for ca 10'. Super then
passaged into 6 ch aeb. = Pan #416 BAP 0 0 0

MOUSE

DAY

	1	2	3	4	5	6
1	-	-	?	D		
2	-	-	?	D		
3	-	-	?	D		
4	-	-	-	cns	}	Pan #417, JUL 21 1948
5	-	-	-	cns		
6	-	-	-	cns		

Pan 416

JUL 21 1948

Toxo. Pan #417

Two mice. of #416 sacrificed. Br. smears = heavy tox infection. Brain's
pooled, suspended in 8.0cc NaCl, allowed to settle for ca 10' & super passaged
Icr (0.03ml) to 6 ch aeb. = Pan #417

BAP #1 0 0 0
#2 0 0 0

MOUSE

Pan 417

DAY

	1	2	3	4	5	6
1	-	-	D			
2	-	-	?	D		
3	-	-	?	cns	}	Pan 418 JUL 25 1948
4	-	-	?	cns		
5	-	-	-	cns		
6	-	-	-	cns		

JUL 25 1948

Toxo Pan #418

Two mice cns signs sacrificed, brain pooled in 8.0cc NaCl, allowed to settle
for 5' & super passaged into 6 Mex mice = Pan #418

BAP 0 0 0

MOUSE

DAY

Pan 418

	1	2	3	4	5	6
1	-	-	D			
2	-	-	cns D			
3	-	-	-	D		
4	-	-	-	D		
5	-	-	-	D		
6	-	-	-	cns	- Pan #419 - 29 July 48.	

Toto Ier Pan #419

29 July 48

The one survivor sacrificed. Brain smear = innumerable tox. Suspended in 8.0 cc NaCl, allowed to settle for 5' & then parayed Ier to 6 Map alb, 0.03 ml Ier.

BAP ¹¹⁰ Col
Pan - rods.

MOUSE

DAY

Pan 419

	1	2	3	4	5
1	D				
2	D				
3	D				
4	HY				
5	? D				
6	- ? D				
7	- - CWS - Pan.				

AUG 1 1948

The one survivor sacrificed. Brain smear = loaded = tox, no bait seen. Brain suspended in 4.0 cc NaCl, allowed to settle for ca 5' & super parayed Ier to 6 Chach. = Pan 420.

AUG 1 1948

BAP (alb 61) Col
Pan - rods.

MOUSE

DAY

	1	2	3	4	5	6
1	D					
2	HY D					
3	HY D					
4	HY D					
5	? D					
6	- CWS?					

- Brain loaded = bait on smear - disc. - BAP = innumerable colonies

AUG 3 1948

The Reestablishment of Ice Bacteria of the RH Toxo Strain

In view of the fact that Pars 420 is so contaminated with bacteria & that no stored brains remain in the refrigerator, reestablishment of the strain will be attempted from mouse peritoneal exudate. Consequently, exudate containing a moderate number of free toxoplasma was obtained & paned Ice as undil. PE to 6 Ch all - 0.03 cc./mouse. This BAP 000 will be called Pars 421

MOUSEDAY

	1	2	3	4	5
1	-	-	?		
2	-	-	?		
3	-	-	-		
4	-	-	-		
5	-	-	-		
6	-	-	-		

; Pars - see below.

AUG 6 1948

Toxo Pars #422

The above mice were again spaned at 4⁰⁰ pm. At that time one was dead & the other five had marked cns signs. Three soon died under observation. Two of these, banded, brains loaded = toxo, suspended in 8.0 cc NaCl & after settling for ca 10', supernate panned to 6 Ch all. = Pars #422

BAP #1000

#2000

MOUSEDAY

	1	2	3	4	5
1	-	-	-	D	
2	-	-	-	D	
3	-	-	-	D	
4	-	-	-	cns	
5	-	-	-	"	
6	-	-	-	"	

Aug. 10 - brains removed - smear of each loaded with toxoplasma - no bacteria

BAP - Brain 1 - 000

" 2 - 000

" 3 - 000

3 brains stored in 2 cc (?) 50% RSS in refrigerator

(over)

RH. Toko Pass # 423

AUG 16 1948

The three brains of Pass 422 suspended in their 50% RSS & 6.0 cc NaCl added. allowed to settle for ca 5' & super then passaged to 6 Chalb as follows: 0.03 cc I cr, 0.3 cc IP This is Pass # 423.

Mouse

Day

	1	2	3	4	5
1	-	-	-	-	D
2	-	-	-	-	CNS
3	-	-	-	-	CNS
4	-	-	-	-	CNS
5	-	-	-	-	CNS
6	-	-	-	-	CNS

passaged 8-21

stored in ice box in 3 cc 10% RSS

Smears of each brain showed totoplasma - no bacteria

BAP- 1- 0 0 0
 2- 0 0 0
 3- 0 0 0
 4- 0 0 0
 5- 0 0 0

RH. Toko Pass # 424

AUG 21 1948

The two brains of Pass 423 were ground and 8 cc NaCl added. allowed to settle for ca 5 min. & supernatant then passaged into 5 Chalb. mice: 0.03 cc I cr. =

Pass # 424

	1	2	3	4	5	6
1	-	-	-	-	D	
2	-	-	-	-	D	
3	-	-	-	-	D	
4	-	-	-	-	D	
5	-	-	-	-	CNS	

stored in 2 cc 50% RSS in refrig. 8-25-48

Smear showed totoplasma - no bacteria

BAP- 0 0 0

Rh Topo Pass. #425

SEP 2 1948

One half of the stored brain from Pass. 424, which was suspended in 50% RSS, was ground and 2 cc of 10% NaCl added. Allowed to settle for ca 5 min. and the supernatant passaged into 5 CH alb mice. as follows: 0.03 cc I.P., 0.2 cc I.P. This is Pass. 425

	1	2	3	4	5	6	7	8	
1	-	-	D						
2	-	-	-	-	-	?	?		} Pass SEP 9 1948 = Pass #426
3	-	-	-	-	-	?	?		
4	-	-	-	-	-	?	?	D	
5	-	-	-	-	-	?	?	D	

↳ early CNS.

SEP 9 1948

Topo. Pass #426

Two mice of pass 425 = very early signs sacrificed, brains (boiled: to) cultured, pooled, suspended in 8.0 cc NaCl, allowed to settle for ca 10' & super. passaged into 6 chalb. = Pass 426

BAP #1 000
#2 000

<u>MOUSE</u>		1	2	3	4	5	6	<u>DAY</u>
1		-	-	-	D			
2		-	-	-	am.			
3		-	-	-	am.			
4		-	-	-	am.			
5		-	-	-	am.			
6		-	-	-	am.			

} stored in 50% RSS SEP 13 1948

SEP 13 1948

Storage of RH Pass #426

4 mice = good signs sacrificed, each brain cultured BAP, sterile screen stored in 4 right, & stored in parafilm sealed tube in 2.0 cc 50% RSS & stored in refrigerator. BAP 1000
3000
4000
Screen boiled: to.

Toxo Pass. # 427

SEP 23 1948

Brains #1 and #2 in their 50% RSS and 4cc NaCl added. Allowed to settle ca 5 min. and supernatant then passaged to 6 CH alb. mice as follows: 0.03cc I. cer, 0.3 cc I.P.
This is pass #427

	1	2	3	4	5	
1	-	-	-	P	?	} pass + to Dr. Cross. SEP 27 1948
2	-	-	-	-	?	
3	-	-	-	-	? D	
4	-	-	-	-	? CNS	
5	-	-	-	-	? CNS	
6	-	-	-	-	? CNS	

SEP 27 1948

Toxo Pass #428

Two mice = early signs sacrificed. Brain smears = mod. # toxo. Brains pooled, suspended in 5.0cc NaCl, allowed to settle for ca 5' & super passaged to 10 mice. This = Pass #428. Each mouse rec'd 0.03cc I. cer.

4 mice immediately shipped to Dr. Jay Cross in Texas.

BAP 000

<u>MOUSE</u>						<u>DAY</u>	
	1	2	3	4	5	6	
1	D						
2	-	-	-	?	D		
3	-	-	-	?	D		
4	-	-	-	-	CNS		
5	-	-	-	-	CNS		} stored OCT 2 1948
6	-	-	-	-	CNS		

OCT 2 1948

Storage of Toxoplasma Passage #428

Three survivors sacrificed. Each brain stored in 2.0cc 50% RSS, tubes sealed & parafilm + placed in refrigerator

BAP #1 0 0 0
#2 0 0 0 0
#3 0 0 0

OCT 12 1948
Paralyzed
#1 & #3

Toxo Pass. # 429

OCT 12 1948

Brains #1 and #3 from Pass 428 in their 50% RSS and 4 cc NaCl added. Allowed to settle about 5 min. and supernatant then passaged to 6 C4 alb. mice as follows: 0.03 cc I cer, 0.3 cc I.P.
This is Pass # 429

	1	2	3	4	5	6	
1	-	-	-	CNS			} Pass + to Ohio State
2	-	-	-	CNS			
3	-	-	-	?			
4	-	-	-	-			
5	-	-	-	-			
6	D						

Toxo Pass # 430

OCT 16 1948

Two mice with early signs sacrificed. Brains smeared loaded. Brains pooled, suspended in 8 cc NaCl, allowed to settle ca 5'. Supernatant passaged to 10 mice. This = Pass # 430. Each mouse received 0.03 cc 1. cer.

4 mice were taken to Ohio State by John Wallace.

BAP-0

	1	2	3	4	5	6		
1	-	-	-	D				
2	-	-	-	IP			} Pass.	
3	-	-	-	CNS				} sent to Boston *
4	-	-	-	CNS			} stored	
5	-	-	-	CNS				OCT 20 1948
6	-	-	-	CNS				

OCT 20 1948

Storage of Toxo Pass # 430

Three mice with signs sacrificed, bled, cultured. Each brain stored in 2 cc 50% RSS, tubes sealed in Parafilm & placed in ref. Brain smears showed many Toxo.

BAP-#1000

#2000

#3242424

#B000

* one mouse with signs sacrificed.

ground brain suspended in 4 cc NaCl.

Allowed to settle ca 5'. Each of 4 mice

received 0.03 cc i. cer. Sent to Boston (to Mr. Go. Foley)

Toxo Pass #431

NOV 1 1948

Brains #1 and #2 in their 50% RSS and 4cc NaCl added. Allowed to settle ca 5 min. and supernatant then passaged to 6 c4 all. mice as follows: 0.03 cc I. cer., 0.3 cc I.P.

This is Pass #431

	1	2	3	4	5	6
1	-	-	-	-	CNS	} pass.
2	-	-	-	-	CNS	
3	-	-	-	-	-	
4	-	-	-	-	-	
5	-	-	-	-	-	
6	-	-	-	-	-	

Toxo Pass #432

NOV 6 1948

Two mice with early signs sacrificed. Smears showed Toxo. Brains pooled, suspended in 8cc NaCl, allowed to settle 5 min. Supernatant passaged to 6 c4 all. mice. This is pass #432. Each mouse received 0.03 cc i. cer.

This is Pass #432

	1	2	3	4	5	6
1	-	-	-	-	CNS	} stored
2	-	-	-	-	CNS	
3	-	-	-	-	CNS	
4	-	-	-	-	CNS	
5	-	-	-	-	?	
6	-	-	-	-	?	

NOV 10 1948

BAP 000

Storage of Toxo Pass #432

NOV 10 1948

Four mice showing definite signs sacrificed. Each brain stored in 2.00cc 50% RSS. Tubes sealed with parafilm and placed in refrig. Brain smears showed many Toxo. #3 + #4 best.

BAP- #1 0 0 0
#2 0 0 0
#3 0 0 0
#4 0 0 0

Toto Pass #433

NOV 20 1948

Brains #1 and #4 in their 50% RBS and 4cc NaCl added. Allowed to settle about 5 min. and supernatant then passaged to 6 C# all. mice as follows:
0.03 cc I. lev, 0.3 cc I.P.

This is Pass. #433

	1	2	3	4	5	6	
1	-	-	-	CNS			} Pass 11-24
2	-	-	-	CNS			
3	-	-	-	CNS			
4	-	-	-	?			
5	-	-	-	?			
6	-	-	-	?			

Toto Pass #434

NOV 24 1948

Two mice with early signs sacrificed. Brains showed many toto. Brains pooled, suspended in 8 cc. NaCl, allowed to settle 5 min. Supernatant passaged to 6 C# all. mice.
This is Pass #434. Each mouse rec. 0.03 cc 1 cc.

This is pass #434

BAP-00

	1	2	3	4	5	6	
1	-	-	-	CNS			} stored
2	-	-	-	CNS			
3	-	-	-	?			
4	-	-	-	?			
5	-	-	-	?			
6	-	-	-	?			

NOV 27 1948

Storage of Toto Pass #434

NOV 27 1948

Two mice showing definite signs sacrificed. Each brain stored in 2 cc 50% RBS, tubes sealed with parafilm and placed in refriger. Brain smears showed many toto.

1 0 0 0
BAP # 2 0 0 0

Toxo Pass #435

DEC 5 1948

DEC 6 1948

Brains #1 and #2 in their 50% RSS and 4cc. NaCl added. Allowed to settle about 5 min. And supernatant then passaged to 6 alb. mice as follows: 0.03 cc F. cer, 0.3 cc I. P.

This is Pass #435

	1	2	3	4	5	6
1	-	-	-	-	CNS	} Pass 12-10
2	-	-	-	-	CNS	
3	-	-	-	-	CNS	
4	-	-	-	-	?	
5	-	-	-	-	?	
6	-	-	-	-	?	

Toxo Pass #436

DEC 11 1948

Two mice with early signs sacrificed. Smears showed Toxo. Brains pooled, suspended in 2cc saline, allowed to settle ca 5 min. Supernatant passaged to 6 alb. mice. This is pass 436. Each mouse rec. 0.03 cc. (cer)

	1	2	3	4	5	6
1	-	-	-	-	CNS	} stored
2	-	-	-	-	CNS	
3	-	-	-	-	CNS	
4	-	-	-	-	CNS	
5	-	-	-	-	?	
6	-	-	-	-	?	

DEC 14 1948

BAP-00

Storage of Toxo #436

DEC 14 1948

Four mice with early signs sacrificed. Each brain stored in 2cc of 50% RSS, tubes sealed with parafilm and placed in refrig.

BAP-	1	0	0	0
	2	0	0	0
	3	0	0	0
	4	0	0	0

Toxo Pass #437

DEC 23 1948

Brains #1 and #2 in their 50% RSS and 4cc NaCl added. Allowed to settle about 5 min. and supernatant then passaged to 6 ctt all. mice as follows: 0.03 cc. i.c.v., 0.3 cc I.P.

This is Pass #437

	1	2	3	4	5	6
1	-	-	-	-	D	
2	-	-	-	-	D	
3	-	-	-	-	CNS	
4	-	-	-	-	CNS	
5	-	-	-	-	CNS	
6	-	-	-	-	CNS	

Toxo Pass #438

DEC 27 1948

Two mice with signs, sacrificed. Brains pooled, suspended in 8cc saline, allowed to settle about 5 min. Supernatant passaged to 8 ctt all. mice. This is Pass #438. Each mouse received 0.03 cc. i.c.v.

BAP-00

	1	2	3	4	5	6
1	-	-	-	-	?	Cm
2	-	-	-	-	?	Cm
3	-	-	-	-	?	Cm
4	-	-	-	-	-	Cm
5	-	-	-	-	-	Cm
6	-	-	-	-	-	Cm
7	-	-	-	-	-	Cm
8	-	-	-	-	-	Cm

Stored in ref. (#1, 2, 3, 4,) in 2.0cc 50% RSS each. on 1 Jan 49

Each placed in 2.0cc 50% RSS & taken to Syracuse by HAT

BAP #1
#2
#3
#4

Toxo Pass #439

JAN 20 1949

Mouse brain #1 from Pass #438 (above) in 2.0cc 50% RSS suspended in 2.0cc 10% RSS & filtered through gums. Filtrate passaged to 8 ctt all. mice. Each mouse received .03 cc I.C. & each mouse - the exception of #7 & #8 received .5 cc I.P.

Jan. 28, 1949

	1	2	3	4	5	6	7	8
1	-	-	-	-	-	-	-	CNS D
2	-	-	-	-	-	-	-	CNS CNS
3	-	-	-	-	-	-	-	" CNS
4	-	-	-	-	-	-	-	"
5	-	-	-	-	-	-	-	"
6	-	-	-	-	-	-	-	"
7	-	-	-	-	-	-	-	"
8	-	-	-	-	-	-	-	"

Passaged for #440 - Smear - many Toxo - no bacteria

Brains 1+2 - Culture BAP - 2nd...

Brains 3+4 - " BAP - 00

Passage # 440

JAN 28 1949

1 brain of passage 439 - freshly removed
suspension in 50% heated rabb-ser. saline.
7 large Maxfield mice - 0.03cc each

	1	2	3	4	5	6
1	-	-	-	-	D	
2	-	-	-	-	D	
3	-	-	-	-	D	
4	-	-	-	-	chk	
5	-	-	-	-	"	
6	-	-	-	-	"	
7	-	-	-	-	"	D

Feb. 2 - 2 brains removed - many tox
no bacteria

10% susp. in 10% rabb-ser. -
on blood agar - 0 0 0 0 0 0

Passage # 441

Feb. 2, 1949. 26PM

20 CH. albino mice (3-4 wks) i.cer. with
0.03cc of 10% suspension - 2 died of insolation

Feb. 3 - 18 mice O.K. - 4 sent to Dr. Quilligan, Ann Arbor
4 " " " Moyer Fleisher, St Louis
4 " " " Joel Warren, Washington

	1	2	3	4	5
1	-	-	-	-	D
2	-	-	-	-	D
3	-	-	-	-	D
4	-	-	-	-	D - rigor marked - No. 1
5	-	-	-	-	chk -
6	-	-	-	-	chk -

Feb. 6, 1949

BA P - 0 0 0 0 0 0 (col?)
No. 2 - " - 0 0 0 0 0 0
No. 3 - " - 0 3 colonies

Passage # 442

March 1, 1949

5 CH. albino mice (3-4 wks) I.Cer with
0.03cc and I. Ph. with 0.5 cc 10% suspension.
034#1 from Passage 441 of 2/6/1949 - 23 days storage

	1	2	3	4	5	6	7	8	9	10
1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-

MAR. 10 - 2 brains removed - no tox in smears; (Pass 443A)
PERITONEAL SWELLING - 1 PCC OF PERIT. EXUDATE REMOVED FOR PASS.
TOKOPLASMA PRESENT IN FLUID.
3-11; discarded
Killed 3-11 + brain stored in 2 cc NRS.
Peritoneal fluid showed toxoplasm; brain 0

Passage # 443 - Peritoneal exudate of Pass 442

	1	2	3	4
1	-	-	D	
2	-	-	D	
3	-	-	MS D	
4	-	-	MS D	
5	-	-	-	D

6 - - - (1) } Brain #1 - smear showed many toxoplasma + no bact. - BAP-000
7 - - - - } Brain #2 - smear showed no toxoplasma + no bact. BAP-000
Both brains stored in 2cc NRS

Passage # 443 (A) - Brains from Pass 442

	1	2	3	4	5	6	7
1	-	-	-	-	-	D	
2	-	-	-	-	-	CNS	D
3	-	-	-	-	-	?	D
4	-	-	-	-	-	?	CNS
5	-	-	-	-	-	-	CN
6	-	-	-	-	-	-	?
7	-	-	-	-	-	-	-

4 - - - - ? ENS } #1 - many *Tetraplasma* - stored in 2cc NRS - BAP-000
5 - - - - - ENS } #2 - many *Tetraplasma* - stored in 2cc NRS - BAP-000
6 - - - - - ? } #3 - many *Tetraplasma* - stored in 2cc NRS - BAP-^{many colonies}
7 - - - - - - } #4 - many *Tetraplasma* - stored in 2cc NRS - BAP-000
_{from Indig. rock.}

Passage # 444

	1	2	3	4	5	6	7	8	9	10	11	12
1	D	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	?	?	?	CNS	-	-	-	-
3	-	-	-	-	-	-	-	?	CNS	-	-	-
4	-	-	-	-	-	-	-	E	CNS	-	-	-
5	-	-	-	-	-	-	-	-	CNS	-	-	-
6	-	-	-	-	-	-	-	-	CNS	-	-	-
7	-	-	-	-	-	-	-	-	CNS	D	-	-
8	-	-	-	-	-	-	-	-	CNS	CNS	D	-
9	-	-	-	-	-	-	-	-	?	?	CNS	CNS
10	-	-	-	-	-	-	-	-	-	-	?	?

D - discarded
 CNS - died in CNS
 E - pulled & stored
 #3,

BAP.

#1	-	0	0	0
#2	-	0	0	0
#3	-	0	0	0
#4	-	0	0	0
#5	-	0	0	0

APR 16 1949

Tetoplasma Passage # 445 - From Pass 444

7 CH albino mice (4-5 wks) I.C. $\approx$ 0.03 cc of 10% brain suspension of M # 1 + 2 from pass # 444. BAP 00
 4 mice sent to Dr. Boston, Mass.

1 2 3 4

1 - - ? D

2 - - - D } Brain removed (M # 1 + M # 2), pooled + passed to passage # 446

3 - - - (NS) } Smear showed Tetoplasma + no luet. M # 1 BAP 000 - M # 2 BAP 000

APR 20 1949

Tetoplasma Passage # 446 - from pass 445

5 CH albino mice (4-5 wks) I.C. $\approx$ 0.03 cc of 10% brain suspension of M # 1 + 2 from pass # 445, BAP 000

1 2 3 4

1 - - ? D 4/24/49

2 - - ? D } #1 - ~~Brain~~ - Brain showed many types - stored in 2cc NRS - BAP 000

3 - - - D } #2 - " " " " " " " " BAP 000

4 - - - D } #3 - " " " " " " " " BAP 000

5 - - - (NS) #4 - " " " " " " " " BAP 000

MAY 1 1949

Tetoplasma Passage # 447

6 CH albino mice (4-5 wks) I.C. $\approx$ 0.03 cc of 10% brain suspension of M # 1 from pass # 446

1 2 3 4 5 6 7 8

1 - - - - - ? D

2 - - - - - ? D

3 - - - - - D 5-12

4 - - - - - D

5 - - - - - CNS } #1 - Brain removed + stored in 2cc NRS - Smear - many types - BAP 000

6 - - - - - CNS } #2 - " " " " " " " " - " many " - BAP 000

MAY 21 1949

Tetoplasma Passage # 448

5 CH albino mice (4-5 wks.) I.C. $\approx$ 0.03 cc of 10% brain suspension of M # 1 from pass # 447

1 2 3 4 5

1 - - - - D 5-26

2 - - - - D

3 - - - - CNS } #1 - Brain removed + stored in 2cc of NRS - Smear loaded $\approx$ Tetoplasma; BAP 0004 - - - - CNS } #2 - " " " " " " " " - Smear loaded $\approx$ Tetoplasma; BAP 0005 - - - - ? } #3 - " " " " " " " " - Smear loaded $\approx$ Tetoplasma; BAP 000

JUN 3 1949

Toxoplasma Passage # 449

5 CH albino mice (4-5 wks) I. Cn. $\pm$ 0.03 cc of 1090 brain suspension of M # 1 from Pass # 448. BAP 000

1	2	3	4	5	6	6-8-49	
1	-	-	-	-	-	CNS D	#1 Brain removed + stored in 2cc NRS - smear - many toxo - BAP 000
2	-	-	-	-	-	CNS D	#2 Brain removed + stored in 2cc NRS - smear - many toxo - BAP 000
3	-	-	-	-	-	CNS D	
4	-	-	-	-	-	CNS D	
5	-	-	-	-	-	CNS D	

JUNE 27, 49

Toxoplasma Passage # 450

5 CH albino (4-5 wks) I. Cn. $\pm$ 0.03 of 1090 susp. of M # 1 from Pass # 449

1	2	3	4	5	6	7	8	
1	-	-	-	-	-	-	-	CNS D 7-5-49
2	-	-	-	-	-	-	-	CNS D
3	-	-	-	-	-	-	-	CNS D
4	-	-	-	-	-	-	-	CNS D
5	-	-	-	-	-	-	-	D

#1 brain removed + stored in 2cc NRS - smear - many toxo - BAP 000
#2 brain removed + stored in 2cc NRS - smear - many toxo - BAP 000

JULY 21, 1949

Toxoplasma Passage # 451

3 CH albino mice (4-5 wks) I. Cn. $\pm$ 0.03 cc of 1090 brain suspension of M # 1 from Pass # 450.

1	2	3	4	5	6	7/27/49	
1	-	-	-	-	-	D	#1 brain removed + stored in 2cc NRS - smear - many toxo - BAP 000
2	-	-	-	-	-	CNS	#2 brain removed + stored in 2cc NRS - smear - many toxo - BAP 000
3	-	-	-	-	-	CNS	#3 brain removed + stored in 2cc NRS - smear - many toxo - BAP 000

Toxoplasma Passage # 452

4 CH albino mice (4-5 wks) I. Cn. $\pm$ 0.03 cc of 1090 brain suspension of M # 1 from Pass # 451.

AUG 15 1949

1	2	3	4	5	6	7	8-22-49	
1	-	-	-	-	-	-	CNS	Brain # 1, 2, 3, & 4 removed & stored in 2cc Tyrode's BAP of 1, 2, 3, 4 - 000
2	-	-	-	-	-	-	CNS	
3	-	-	-	-	-	-	CNS	
4	-	-	-	-	-	-	CNS	

AUG 22 1949

Four mice of Toxo pass # 452 exhibiting marked CNS signs sacrificed, prepared for sterile autopsy + brains harvested, cultured BAP & smeared = many toxo.

Each brain stored in 2cc Tyrode's (NRS being wanted) at 4°C. in sealed T.S.

Syopharma Passage # 453

1 2 3 4 5 6 7 8

2 - - - - - ? D

3 - - - - - CWS } #1 - Smea showed many typo + no fact - BAP - 0 00
4 - - - - - CWS } #2 - Smea showed many typo + no fact - BAP - 0 00
5 - - - - - ? D

SEP 27 1949

5 ch alpine mice (3-4 wks) Tcr. $\approx 0.03\%$ of 1090
brain suspension of M # 1 of Passage # 453.

1	2	3	4	5	6
---	---	---	---	---	---

/ D

2 - - - - D

3 - - - - D, oct 3. 1149

4 - - - - - CWS } #1 - 5 mean showed many T₁O + no bact - 5 stud in 2cc NRS - BAP 000
5 - - - - - CWS } #2 - 9 mean showed many T₁O + no bact - 5 stud in 2cc NRS - BAP 000

OCT 19 1949

5 w/ ophiura Passages # 455

6 CH albino mice (3-4 wks) I ch = 0.03 cc of 1090
hair suspension of M # 1 of Panag # 4.54 - BAP 000

1 2 3 4 5 6 7 8 9 10/27/49

1 - - - - - ? CNS { H1, many types in semen + no lact. Passed. BAP-000

$$2 - \dots - (N) \# 2 - \dots$$

3 - - - - - CNS } 10/28 - many to/d - Passed into 10 CH alt as # 456 A

4 - - - - - D

5 - - - - - } discarded
6 - - - - - }

4 to Dr. Simonelli at U. of Mississippi
6 Sept - BAR - 000

6 pgt - BAR - 000

OCT 27 1949

Toxoplasma Parazy #456

6 CH albino mice (3-4 wks) $\bar{I}$ Ch = 0.03 CC of 10% brain suspension of M #1 + 2 of Passay #455.

1 2 3 4 5 10 31

1 - - - CNS { #1 Brain removed & stored in 2cc NRS - many foci in pons & no fact. - BAP - 000

2 - - - CNS } #2 " " " " " " " / " " " " " " " BAP - 0 0 0

3 - - - LNS D

4 - - - CNS D

5 - - - CNS D

6 - - - - CNS D

FEB 8 1950

Toxoplasma Passage # 463

5 CH albino mice (3-4 wks) I.C. = 0.03 of 10% brain susp
of M # 1 of Pass # 462 + I.P. = $\frac{1}{4}$ cc.

1 2 3 4 5

1 D

2 D

3 - - - D 2/13

4 - - - (CNS) #1 - Smear showed many tofo + no bact - BAP 000

5 - - - (CNS) #2 - " " " " " " - BAP 000

Pooled Peritoneal exudate Pass. for tofo - BAP 000

FEB 24 1950

Toxoplasma Passage # 464

5 CH albino mice (3-4 wks) I.C. = 0.03 cc + I.P. = 0.25 cc
of 10% brain susp. of M # 1 of Pass # 463.

1 2 3 4 5 6 7

1 - - - - - ? D

3-3-50

2 - - - - - (CNS) #1 - Smear showed many tofo - BAP - 000

3 - - - - - (CNS) #2 - " " " " - BAP - 000

4 - - - - - (CNS) #3 - " " " " - BAP - 000

5 - - - - - (CNS) PERITONEAL EXUDATE OF #3 - many tofo - BAP - 000

Toxoplasma Passage # 465

MAR 13 1950

9 CH albino mice (4 wks) I.C. = 0.03 cc ~~of 10% brain~~
Susp. of M # 1 of Pass # 464

* 1 mouse (#10) I.C. = 0.03 cc of Peritoneal exudate of Pass # 464

1 2 3 4 5 6 7

1 - - - - - ? D

3/29

2 - - - - - (CNS) #1 - Smear showed many tofo + no bact - BAP - 000

3 - - - - - (CNS) #2 - " " " " " " - BAP - 000

4 - - - - - (CNS) #3 - " " " " " " - BAP - 000

5 - - - - - (CNS) #4 - " " " " " " - BAP - 000

6 - - - - - (CNS) D

7 - - - - - (CNS) D

8 - - - - - (CNS) D

9 - - - - - (CNS) D

* 10 - - - - - - - - -

MAR 29 1950

Toxoplasma Passage # 466

6 CH albino mice (3-4 wks) I.C. = 0.03 cc + I.P. = 0.25 cc
 of 1090 brain susp. of M # 1 of Pass # 465

	1	2	3	4	5	6	7	8	
1	-	-	-	-	-	D			4/5
2	-	-	-	-	-	? CNS			} #1 - Smear showed toxoplasma + no bact. - BAP 000
3	-	-	-	-	-	? CNS			
4	-	-	-	-	-	? CNS			
5	-	-	-	-	-	CNS D			} #2 - " " " " " " BAP 000
6	-	-	-	-	-	CNS D			

APR 9 1950

Toxoplasma Passage # 467

5 CH albino mice (3-4 wks) I.C. = 0.03 cc of 1090 brain
 suspension of M # 1 of Pass # 466.

	1	2	3	4	5	6	
1	-	-	-	-	-	? D	
2	-	-	-	-	-	? D	4/15
3	-	-	-	-	-	CNS	} #1 - Smear showed many toxoplasma - BAP 000
4	-	-	-	-	-	CNS	
5	-	-	-	-	-	CNS	
							} #2 - " " " " " " BAP 000
							} #3 - " " " " " " BAP 000

APR 24 1950

Toxoplasma Passage # 468

5 CH albino mice (3-4 wks) I.C. = 0.03 cc + I.P. =
 0.25 cc of 1090 brain suspension of M # 1 of Pass # 467.

	1	2	3	4	5	6	7	
1	-	-	-	-	-	-	? D	
2	-	-	-	-	-	-	? D	
3	-	-	-	-	-	-	D	5/150
4	-	-	-	-	-	-	CNS	} #1 - Smear showed many toxo - BAP 000
5	-	-	-	-	-	-	CNS	
								} #2 - " " " " " " - BAP - Loaded = small white colonies

Toxoplasma Passage # 469

MAY 3 1950

6 CH albino mice (3-4 wks) I.C. = 0.03 cc of 1090 brain susp.
 of M # 1 of Pass # 468.

	1	2	3	4	5	6	
1	-	-	-	-	-	D	5/8
2	-	-	-	-	-	CNS	} #1 - Smear showed many toxo BAP 000
3	-	-	-	-	-	CNS	
4	-	-	-	-	-	CNS	
							} #2 - " " " " " " BAP 000
							} #3 - " " " " " " BAP 000
5	-	-	-	-	-	CNS D	
6	-	-	-	-	-	CNS D	

Toxoplasma Passage # 470

1	2	3	4	5	6
---	---	---	---	---	---

1 - - - - ? D

2 - - - - ? 5

3 - - - - - (ms)

4 - - - - (ns)

5 - - - - - (4)

6 - - - - - (MS)

{#1- 5 mean showed test plasma - BAP - Small white clot
 {#2- " " " " BAP 000

Gyrophasma Passage #471

JUN 11 1950

5 Ch albino mice (4 wks) I c = 0.03 cc 1090 hair snaf of
m # 2 of pen 470

1	2	3	4	5	6	7
---	---	---	---	---	---	---

1 - - - - 0

2 - - - - 0

3 - - - CN 3

4 - - - - - cm/s

9 - - - - -

6/16
#1 - T/O Present - BAP O - many small white blue
#2 - T/O Present - BAP O " " " "
CNS } 6/18
#3 - many T/O in sun - BAP - 000

JUN 20 1950

5 of plasma passage # 472

3 CH albino mice (4 wks) $I_{Ch} = 0.03cc$ + $I_{Ph} = 0.5cc$
of 1090 brain susp. of m# 3 of Pass 471

1	2	3	4	5
---	---	---	---	---

1 - - ? 9

2 - - - - (ms) }

3 - - - (Ans)

6/25/50

#1	- Loaded	-	Tetraphenol	- no fault in pump	- BAP 000
#2	- Loaded	-	Tetraphenol	- no fault in pump	- BAP 000

5x4 plasma Passage # 472A

JUL 10 1950

7 CH Albino mice (3-4 wks) $I_{CH} \approx 0.03cc$ & $I_{Pe} \approx 0.5cc$
of 10 90 grain samp. of M # 1 of pure 471. (Same by 22 days)

1 2 3 4 5 6 7 8 9

1	-	-	-	-	-	-
---	---	---	---	---	---	---

2	-	-	-	-	-	-
---	---	---	---	---	---	---

3	-	-	-	-	-	-
---	---	---	---	---	---	---

4	-	-	-	-	-	-
---	---	---	---	---	---	---

5	-	-	1	-	-	-
---	---	---	---	---	---	---

6	-	-	-	-	-	-
---	---	---	---	---	---	---

7

- ? D 7/19
- ? D
- - CNS } #1 - 5 mean showed toy of plasma BAP-000
- - CNS } #2 - 5 mean showed toy of plasma BAP-000

Typhloplasma Passage # 473

JUL 10 1950

The two brains from passage # 472 which were refrigerated separately in 2cc NRS - 6/25/50 both had become contaminated - a green + white mold.
The mold + the NRS were removed from brain #1 and refrigerated.

The Brain from M # 1 of Pass 472 was washed + 5 in sterile saline, ground in 1090RSS to 1090 + 0.03cc Ice + 0.5cc I. Per into 5 CH albino mice (3-4 wks)

	1	2	3	4	5	6
1	-	-	-	-	?	0
2	-	-	-	-	?	0 7/16
3	-	-	-	-	-	0
4	-	-	-	-	-	(NS)
5	-	-	-	-	-	(NS)

#1 - Typhloplasma in smear, ~~no~~ bact. - BAP-000
#2 - Typhloplasma in smear, no bact - BAP-000

↓
#2 Peritoneal exudate - @ 0.75cc placed in tube + refrigerated - may have present in smear, few bact.

JUL 17 1950

Typhloplasma Passage # 474

4 CH albino mice (3-4 wks) - Ice = 0.03cc of 1090 susp of M # 2 - Pass 473. I Per = 0.25cc

	1	2	3	4	5
1	-	-	-	?	(NS) 7/22 #1 - Typhloplasma in smear BAP 000
2	-	-	-	-	(NS) #2 - " " " BAP 000
3	-	-	-	-	(NS)
4	-	-	-	-	(NS)

Passage 474 A

5 CH albino mice (3-4 wks) Ice = 0.03cc of Peritoneal exudate of M # 2 of Pass 473.

	1	2	3	4
1	-	-	-	?
2	-	-	-	?
3	-	-	-	0 7/21
4	-	-	-	0
5	-	-	-	(NS)

#1 - 5 mice showed many typhloplasma + no bact. - BAP 000

Tetoplasma Passage # 478A

SEP 1 1950

6 CH Hospital Albinos (3-4 wks) ± 0.03 cc ICR of 10% susp of mouse #2 Pass ~~478~~ 477

	1	2	3	4	5	6	7	8	
1	-	-	-	-	-	-	-	?	D
2	-	-	-	-	-	-	-	?	D
3	-	-	-	-	-	-	-	?	D
4	-	-	-	-	-	-	-	CNS	#1 - Tox in Smear
5	-	-	-	-	-	-	-	CNS	
6	-	-	-	-	-	-	-	CNS	
									#2 Tox in Smear
									#3 Tox in Smear

SEP 26 1950

Tetoplasma Passage # 479

5 CH albino (3-4 wks) ICR ± 0.03 cc + IPR ± 0.5 cc of 10% brain susp of m #1 Pass 478 A.

	1	2	3	4	5	10/1			
1	-	-	-	?	D	#1 - Han -	Smear showed tyfo	BAP	000
2	-	-	-	?	D		" " "	BAP	000
3	-	-	-	-	0		" " "	BAP	000
4	-	-	-	-	0	#2 - Han -			
5	-	-	-	-	0				

10-1-50

Tetoplasma Passage # 480

3 CH alb. (3-4 wks) ICR ± 0.03 cc + IPR ± 0.5 cc of 10% brain susp of m #1 Pass 479

	1	2	3	4	10/5			
1	-	-	-	?	D	#1 Han -	Smear showed many tyfo	BAP 000
2	-	-	-	-	CNS		" " "	BAP 000
3	-	-	-	-	CNS		" " "	BAP 000

Tetoplasma Passage # 481

OCT 6 1950

10 CH albino mice (3-4 wks) ICR ± 0.03 cc of 10% brain susp of m #1 of Pass 480.

4 mice to Dr. Simonelli - U. of Mississippi

	1	2	3	4	10/9/50			
1	-	-	-	?	D	#1 Han -	many tyfo in smear	BAP 0
2	-	-	-	-	CNS		" " "	BAP 0
3	-	-	-	-	CNS		" " "	BAP 0
4	-	-	-	-	CNS	#2 Han -	" " "	BAP 0
5	-	-	-	-	CNS		" " "	BAP 0
6	-	-	-	-	CNS		" " "	BAP 0

5xoplasma Passage # 482

OCT 24 1950

6 C.H. albino mice (3-4 wks) Ice $\approx$ 0.03cc +
IPL $\approx$ 0.5cc of 1090 brain susp. of m #1 of pass 481.

	1	2	3	4	5	6	7	8
1	-	-	-	-	-	-	D	10/31
2	-	-	-	-	-	-	CNS	m for inoculation - many T ₁ O - BAP 00 m #1 many T ₁ O - BAP 0 m #2 " " - BAP 0
3	-	-	-	-	-	-	CNS	
4	-	-	-	-	-	-	CNS	
5	-	-	-	-	-	-	CNS D	
6	-	-	-	-	-	-	CNS D	

5xoplasma Passage # 483

OCT 31 1950

5 C.H. albino mice (3-4 wks) Ice $\approx$ 0.03cc
of 1090 brain susp. of m from pass 482.

	1	2	3	4	5	
1	-	-	(NS)	} Harvested - smears showed many T ₁ O + no fact - BAP 000 "1/3 sent to Mexico 11/7 in buffer + NRS in Cold Storage #1 - many T ₁ O in smear - BAP 000 #2 - " " " " - BAP 000 #3 - " " " " - BAP 000		
2	-	-	(NS)			
3	-	-	(NS)			
4	-	-	(NS)			
5	-	-	(NS)			

NOV 10 1950

5xoplasma Passage # 484

7 C.H. albino mice (@ 4 wks old) Ice $\approx$ 0.03cc
of 1090 brain susp. of m #1 of pass 483.

	1	2	3	4	5	6
1	-	-	-	CNS	} TT 11/14 TOXO in Smear, TO N.Y. & EUROPE. - BAP 000 #1 + TOXO in smear BAP - 000 #2 " " " BAP - 000	
2	-	-	-	CNS		
3	-	-	-	CNS		
4	-	-	-	CNS		
5	-	-	-	? CNS	} Har & Pooled - many T ₁ O in smear - BAP 000 11/15	
6	-	-	-	? CNS		
7	-	-	-	? CNS		

Totoplasma Passage #485

NOV 28, 1950

6 CH albino mice (@ 4 wks) Ice $\pm$ 0.03cc + I.P.
 $\pm$ 0.5cc of 1090 brain susp. of m#3+4 Pass 484.

	1	2	3	4	5	6	7	
1	-	-	-	-	D			12/3
2	-	-	-	-	(NS)			} m#1 - Smea showed many Tfo - BAP000
3	-	-	-	-	(NS)			
4	-	-	-	-	(NS) D			} #2 - Smea showed " Tfo - BAP000
5	-	-	-	-	? CAS D			
6	-	-	-	-	? CAS D			

DEC 18 1950

Totoplasma Passage #486

6 CH albino mice (@ 4 wks) Ice $\pm$ 0.03cc + I.P.
 $\pm$ 0.5cc of m#1 Pass 485 (1090 brain susp.).

	1	2	3	4	5	6	7	8	12/4	
1	-	-	-	-	-	(NS)				} #1 - Smea showed Tfo BAP000
2	-	-	-	-	-	(NS)				
3	-	-	-	-	-	CAS	D			} #2 - Smea " " BAP000
4	-	-	-	-	-	CAS	D			
5	-	-	-	-	-	CAS	D			} Perit E + from m#2 stored
6	-	-	-	-	-	CAS	D			

DEC 26 1950

Totoplasma Passage #487

5 CH albino mice (@ 4 wks) Ice $\pm$ 0.03cc of
 1090 brain susp of m#2 Pass 486

	1	2	3	4	5	
1	D					12/31
2	-	-	-	-	(NS)	} #1 - Smea showed many Tfo - BAP000
3	-	-	-	-	(NS)	
4	-	-	-	-	(NS)	} #2 - " " many Tfo - BAP000
5	-	-	-	-	:	

DEC 26 1950

Totoplasma Passage #487 A

5 CH albino mice (@ 4 wks) Ice $\pm$ 0.03cc
 of peritoneal exudate of m#2 Pass 486.

	1	2	3	4	
1	-	-	-	D	
2	-	-	-	D	12/30
3	-	-	-	(NS)	} #1 - Smea showed many Tfo - BAP-000
4	-	-	-	(NS)	
5	-	-	-	(NS)	} #2 - " " " " - BAP-000
					} #3 - " " " " - BAP-000

Tryplosoma Passage #488

JAN 13 1951

4 CH albino mice (2-4 wks) Ice = 0.03cc + IPH = 0.5cc
 of 1090 train susp. of M #1 Pass 487.

	1	2	3	4	5	6	7		
1	0							1/19/51	
2	-	-	-	-	-	-	-	5 mice shared	info - BAP 000
3	-	-	-	-	-	-	-	" "	" - BAP 000
4	-	-	-	-	-	-	-	" "	"

Tryplosoma Passage #489

FEB 4, 1951

6 CH albino mice (3-4 wks) Ice = 0.03cc + IPH = 0.5cc
 of 1090 train susp. of M #1 pass 488

	1	2	3	4	5	6	7		
1	-	-	-	-	-	-	-	2/9/51	
2	-	-	-	-	-	-	-	5/10 Present in train	mean - BAP-000
3	-	-	-	-	-	-	-	5/10 Present in train	mean - BAP-000
4	-	-	-	-	-	-	-		
5	-	-	-	-	-	-	-		
6	-	-	-	-	-	-	-		

FEB 23 1951

Tryplosoma Passage #490

6 CH albino mice (3-4 wks) Ice = 0.03cc + IPH = 0.5cc
 of 1090 train susp. of M #1 Pass 489.

	1	2	3	4	5	6	7	8	9		
1	-	-	-	-	-	-	-	-	-	(N) B1	5/10 in mean - BAP-000
2	-	-	-	-	-	-	-	-	-	(N) B2	5/10 in mean - BAP-000
3	-	-	-	-	-	-	-	-	-	(N) B3	5/10 in mean - BAP-000
4	-	-	-	-	-	-	-	-	-	(N) D	
5	-	-	-	-	-	-	-	-	-	(N) D	
6	-	-	-	-	-	-	-	-	-	(N) D	

MAR 19 1951

Tryplosoma Passage #491

3 CH albino mice (3-4 wks) Ice = 0.03cc of
 1090 train susp. of M #1 Pass 490.

	1	2	3	4	5	6			
1	-	-	-	-	-	-	(N) B1	3/25	
2	-	-	-	-	-	-	(N) B2	many info - stored in 200 NRS	BAP 000
3	-	-	-	-	-	-	(N) B3	" " " " "	BAP 000
4	-	-	-	-	-	-	(N) B3	" " " " "	BAP 000

Synglossoma Passage # 492

MAR 27 1951

10 CH albino mice (3-4 wks) Ice ≈ 0.03 cc 1090 sup.
of m #1 Pass 491.

4 mice sent to Gelas (D. Cross).

1 2 3 4

1 - - D

2 - - D

3 - - D

4 - - D

5 - - (NS) #1

6 - - (NS) #2

- many tyfo

- BAP 000

BAP 000

APR 6 1951

Synglossoma Passage # 493

12 CH albino mice (3-4 wks) Ice ≈ 0.03 cc 1090 sup.
of m #1 Pass 492.

5 mice sent to Chicago (

1 2 3 4

1 - - - D

2 - - - D

3 - - - D

4 - - - D

5 - - - (NS) #1

6 - - - (NS) #2

7 - - - (NS) #3

4/10/51

- tyfo Present in smen

- tyfo Present in smen

- tyfo Present in smen

- BAP - 000

- BAP - 000

- BAP - 000

APR 13 1951

Synglossoma Passage # 494

5 CH albino mice (3-4 wks) Ice ≈ 0.03 cc 1090 sup.
of m #1 Pass 493

1 2 3 4

1 - - - D

2 - - - (NS) #1

3 - - - (NS) #2

4 - - - (NS) D

5 - - - (NS) D

4/17

- Loaded $\approx$ tyfo & no bact.- Loaded $\approx$ tyfo & no bact.

BAP 000

BAP 000

MAY 2 1951

Synglossoma Passage # 495

6 CH albino mice (3-4 wks) Ice ≈ 0.03 cc + I Per $\approx$
0.5 cc of 1090 sup. of m #1 Pass 494

1 2 3 4 5 6 3/7/51

1 - - - ? D

2 - - - (NS) #1

3 - - - (NS) #2

4 - - - (NS) D

5 - - - (NS) D

6 - - - (NS) D

- many tyfo in smen of m

- " " " " " "

BAP-00

BAP-00

MAY 19 1951

Typhlophasma Passage #496

7 CH albino mice (3-4 wks) I.C. ≈ 0.03 cc + I.P. ≈ 0.5 cc of
1090 susp. of m #1 Pass 495.

	1	2	3	4	5
1	-	-	-	?	D
2	-	-	-	?	D
3	-	-	-	-	D
4	-	-	-	-	D
5	-	-	-	-	CNS
6	-	-	-	-	CNS
7	-	-	-	-	CNS

5/24/51
#1 - many Typh
#2 - " "
#3 - " "

BAP - ^{many small} colonies
BAP - DD
BAP - @ 40 colonies

Typhlophasma Passage #497

JUN 1 1951

6 CH albino mice (3-4 wks) I.C. ≈ 0.03 cc + I.P. ≈ 0.5 cc of
1090 susp. of m #2 Pass 496

	1	2	3	4	5	6
1	-	-	-	?	CNS	#1 - loaded - Typh
2	-	-	-	?	CNS	#2 - Typh Present
3	-	-	-	?	CNS	#3 - Typh Present
4	-	-	-	?	CNS	
5	-	-	-	-	CNS	
6	-	-	-	-	CNS	

no further in smears - BAP - 0 00
" " " " BAP - 0 00
" " " " BAP - 0 00

JUN 20 1951

Typhlophasma Passage #498

6 CH albino mice (3-4 wks) I.C. ≈ 0.03 cc + I.P. ≈ 0.5 cc of
1090 susp. of m #1 Pass 497.

	1	2	3	4	5	6	6/26
1	-	-	-	-	CNS		Typh - Smear
2	-	-	-	-	CNS		#1 - Typhlophasma in smear
3	-	-	-	-	CNS		#2 - " " "
4	-	-	-	-	CNS		
5	-	-	-	-	CNS		
6	-	-	-	-	CNS		

BAP - 00
BAP 000
BAP many colonies

Toxoplasma Passage # 499

JUL 13 1951

6 CH albino (3-4 wks) Ice $\approx 0.03cc$ + I.P. $\approx 0.5cc$
 of 1090 susp. of m #1 of Pass 498

	1	2	3	4	5	6	7/17
1	-	-	-	-	(CN)	#1	Toyo - Smin
2	-	-	-	-	(CN)	#2	" " "
3	-	-	-	-	(CN)	#3	" " "
4	-	-	-	-	(CN)	0	
5	-	-	-	-	(CN)	0	
6	-	-	-	-	(CN)	0	

BAP- 0 00

BAP- 0 00

BAP- 0 0 0

JUL 30 1951

Toxoplasma Passage # 500

6 CH albino (3-4 wks) Ice ≈ 0.03 + I.P. $\approx 0.5cc$
 of 1090 susp. of m #1 of Pass 499.

	1	2	3	4	5	6	7/5
1	-	-	-	-	(CN)	#1	Toyo - Smin
2	-	-	-	-	(CN)	#2	Toyo - Smin
3	-	-	-	-	(CN)		
4	-	-	-	-	(CN)		
5	-	-	-	-	(CN)		
6	-	-	-	-	(CN)		

BAP- 0 0

BAP- 0 0

AUG 17 1951

Toxoplasma Passage # 501

5 CH albino (3-4 wks) Ice ≈ 0.03 + I.P. $\approx 0.5cc$
 of 1090 susp. of m #1 of Pass 500.

	1	2	3	4	5	7/22
1	-	-	-	-	(CN)	#1
2	-	-	-	-	(CN)	#2
3	-	-	-	-	(CN)	
4	-	-	-	-	(CN)	
5	-	-	-	-	(CN)	

1090 - Passed to 1090 - 4 to Toyo - many to Smin BAP-000
 Stand $\approx 2cc$ NRS - toyo - Smin - BAP-000
 " " " " " " " - BAP-000

Toxoplasma Passage # 502

AUG 22 1951

10 CH albino (3-4 wks) Ice $\approx 0.03cc$ of 1090 susp. of
 m #1a from Pass 501.

4 mice sent to D. . Curo - 5 Has U.

	1	2	3	4	5	6
1	-	-	-	-	?	0
2	-	-	-	-	?	0
3	-	-	-	-	-	0
4	-	-	-	-	-	0
5	-	-	-	-	-	0
6	-	-	-	-	?	- 0

TOXO PLASMA PASSAGE # 502-A

AUG 30 1951

5 CH albino (3-4 wks) I. Cer $\bar{c}$ 0.03 cc + I. Per $\bar{c}$ 0.5 cc of 10% Susp of M #1 of Pass #501

1	2	3	4	5					
1	D				9/4/51				
2	-	-	-	CNS	#1	Toxo in Smear	BAP-000	2	Brumpt
3	-	-	-	CNS	#2	Toxo in Smear	BAP-000	5	in 1 tube
4	-	-	-	CNS	#3	Toxo in Smear	BAP-000		
5	-	-	-	CNS	#4	Toxo in Smear	BAP-000		

SEP 10 1951

TOXO PLASMA PASSAGE # 503

5 CH albino (3-4 wks) I. Cer $\bar{c}$ 0.03 cc + I. Per $\bar{c}$ 0.5 cc of 10% Susp. of M #3 of #502A

1	2	3	4	5	6				
1	D								
2	-	-	-	CNS	9/15 #1	Toxo in Smear	BAP 0000		
3	-	-	-	CNS	#2	" " " (DISCARDED)	BAP 0011		
4	-	-	-	CNS D					
5	-	-	-	CNS CNS	9/16 #3	" " "	BAP 000		

SEP 24 1951

TOXO PLASMA PASSAGE # 504

5 CH albino (3-4 weeks) I. Cer $\bar{c}$ 0.03 cc + I. Per $\bar{c}$ 0.5 cc of 10% Susp. of M #1 of #503

1	2	3	4	5	6				
1	1				9/29				
2	-	-	-	D					
3	-	-	-	CNS	#1	Toxo in Smear	BAP-000		
4	-	-	-	CNS	#2	Toxo in Smear	BAP-000		
5	-	-	-	CNS	#3	DISCARDED	BAP-000	many colonies	

OCT 8 1951

TOXO PLASMA PASSAGE # 505

5 CH albino (3-4 weeks) I. Cer $\bar{c}$ 0.03 cc + I. Per $\bar{c}$ 0.5 cc of 10% Susp of M #1 of Pass # 504

1	2	3	4	5	6				
1	CNS D								
2	-	-	-	CNS D					
3	-	-	-	CNS	#1	- TOXO in SMEAR	BAP-000		
4	-	-	-	CNS	#2	- DISCARDED	BAP-000	many colonies	
5	-	-	-	CNS	#3	- TOXO in SMEAR	BAP-000		

OCT 22 1951

6 CH albino (6-week) I. Cer $\bar{c}$ 0.03cc +
I. Per $\bar{c}$ 0.5 cc of 10% suspension of M#1
from Pass # 508

BAP - 000
BAP - 000
BAP - 000

8 PRI mice 18-20 gr. i.c.o.o.2cc + i.p. 0.95 cc of
a 10% suspension of M No 1 from passage 506
(10, 27, 51)

		date →					
Nov 12	mouse	13	14	15	16	17	18
	any	(1)	(2)	(3)	(4)	(5)	(6)
1							
2							
3							
4							
5							
6							
7							
8							

N₂:

I:	sterile	Tor. in smear	+
II:	"	" " "	+
III:	"	" " "	+
IV:	"	" " "	+
V:	"	" " "	+

Toxo Plasma Passage # 508

NOV 28 1951

DATE — 29/30/1 2 3 4
Day — 1 2 3 4 5 6

1 D									
2 - - - - CNS	} #1 } Brains #2 } in #3 } 2cc #4 } N.R.S.							B.A.P.	
3 - - - - CNS		Joxo in smear	#1	"	-	000			
4 - - - - CNS		" " "	#2	"	-	000			
5 - - - - CNS		" " "	#3	"	-	07 colonies			
		" " "	#4	"	-	000			

TOXOPLASMA PASSAGE # 509

DEC 14 1951

6 CH albino I. Cer. $\bar{c}$ 0.03cc + I. Per $\bar{c}$ 0.5cc
of 10% suspension of Mouse #1 from Pass # 508

DEC

14 15 16 17 18 19

0 1 2 3 4 5

1 - - - D

2 - - - CNS

3 - - - CNS

4 - - - CNS

5 - - - CNS D

6 - - - CNS D

M#1 Toxo in smear

M#2 " " "

M#3 " " "

BAP-0000

BAP-08 colonies

BAP-0000

DEC 28 1951

TOXOPLASMA PASSAGE # 510

5 CH albino - I. Cer. $\bar{c}$ 0.03cc + I. Per $\bar{c}$ 0.5cc
of 10% suspension of Mouse #1 from Pass # 509.

DEC. 28 29 30 31/1 2

0 1 2 3 4 5

1 D

2 - - - D

3 - - - CNS

4 - - - CNS

5 - - - CNS

Killed

Brain in

2cc NRS

M#1

M#2

M#3

Toxo in smear

" " "

" " "

BAP-0000

BAP-0000

BAP-0000

TOXOPLASMA PASSAGE # 511

JAN 11 1952

5 CH albino - I. Cer. $\bar{c}$ 0.03cc + I. Per $\bar{c}$ 0.5cc
of 10% suspension of Mouse #1 from Pass # 510

JAN 11 12 13 14 15 16

0 1 2 3 4 5

1 D

2 D

3 - - - CNS

4 - - - CNS

5 - - - CNS

Killed

Brain in

2cc NRS

M#1

M#2

M#3

Toxo in smear

" " "

" " "

BAP-000

BAP-0 many colonies

BAP-000

TOXOPLASMA PASSAGE # 512

JAN 25 1952

5 CH albino - I. Cer. $\bar{c}$ 0.03cc + I. Per $\bar{c}$ 0.5cc
of 10% susp. of Mouse #1 from Pass # 511

JAN. 25 26 27 28 29 30

0 1 2 3 4 5

1 - - - CNS

2 - - - CNS

3 - - - CNS

4 D

5 D

Killed

Brain in

in 2cc NRS.

M#1

M#2

M#3

Toxo in smear

" " "

" " "

BAP-0 many colonies

BAP-000

BAP-000

Mouse #2 used by Dr. Minner

TOXOPLASMA PASSAGE # 513

FEB 4 1952

Sch albino inoculated $\pm$ 0.03cc I. Cer + 0.5cc I. Per with M# 3 from Pass 512.

1 2 3 4 5

1 - - - - - CSD

2 - - - - - CSD

3 - - - - - CSD

4 - - - - - CSD

5 - - - - - CSD

Killed brain
in 2cc NRS.

BAP - 0 0

BAP - 0 0

BAP - 0 6 colonies

Toxoid

" " "

TOXOPLASMA PASSAGE # 514

FEB 22 1952

Sch albino inoculated $\pm$ 0.03cc I. Cer + 0.5 I. Per with M# 2 from Pass 513.

1 2 3 4 5

1 - - - - - CSD

2 - - - - - CSD

3 - - - - - CSD

4 - - - - - CSD

5 - - - - - CSD

Killed Brain
in 2cc NRS.

B.A.P. - 0 0 0

B.A.P. - 0 6 colonies

B.A.P. - 0 MANY colonies

Toxoid

TOXOPLASMA PASSAGE # 515

MAR 7 1952

6 ch albino inoculated $\pm$ 0.03cc I. Cer. + 0.5cc I. Per with M# 1 from Pass 514

1 2 3 4 5

1 - - - - - CSD

2 - - - - - CSD

3 - - - - - CSD

4 - - - - - CSD

5 - - - - - CSD

6 D

Killed Brain
in 2cc NRS

BAP - 0 0 3 colonies

" - 0 0 2 "

" - 0 0 0

" - 0 0 0

Toxoid

" "

" "

" "

TOXOPLASMA PASSAGE # 516

MAR 24 1952

6 ch albino inoculated $\pm$ 0.03cc I. Cer + 0.5cc I. Per with M# 3 from Pass # 515

1 2 3 4 5

1 - - - - - CSD

2 - - - - - CSD

3 - - - - - CSD

4 - - - - - CSD

5 - - - - - CSD

6 - - - - - D

Killed Brain
in 2cc NRS.

BAP - 0 0 0

" - 0 0 0

" - 0 10 colonies

" - 0 0 0

Toxoid

" " "

" " "

TOXOPLASMA PASSAGE # 517

APR 11 1952

5 Swiss Mice 0.03cc I.C. + 0.5cc I.P. of 10%
susp of Mouse #1 Pass # 516

	1	2	3	4	5
1	-	-	-	-	CNS
2	-	-	-	-	CNS
3	-	-	-	-	CNS
4	-	-	-	-	CNS
5	-	-	-	-	CNS

Killed
Brain
in
2cc
N.R.S.

3.A.P. - 0000
" - 03 colonies
" - 0000
" - 0000

Toxo in smears
" " "
" " "

APR 30 1952

TOXOPLASMA PASSAGE # 518

6 Swiss Mice 0.03 I.C. + 0.5 cc I.P.
of Mouse #1 from Pass # 517

	1	2	3	4	5	6
1	-	-	-	-	-	CNS
2	-	-	-	-	-	CNS
3	-	-	-	-	-	CNS
4	-	-	-	-	-	CNS
5	-	-	-	-	-	CNS
6	-	-	-	-	-	CNS

Killed
Brain
in
2cc
N.R.S.

B.A.P. - 000
" - 000
" - 000
" - 000

Toxo in smears
" " "
" " "
" " "

MAY 9 1952

MAY 9

TOXO PLASMA PASSAGE # 519

6 Swiss Mice 0.03 I.C. + 0.5cc I.P.
of mouse #1 from Pass # 518 (10% susp. -
Brain + 2cc N.R.S. grounded in 2cc of 10% Pass.)

	1	2	3	4	5	6
1	D					
2	D					
3	-	-	-	-	-	0
4	-	-	-	-	-	CNS
5	-	-	-	-	-	CNS
6	-	-	-	-	-	CNS

5/14
Killed
Brain
in
2cc
N.R.S.

B.A.P.
" - 0000
" - 0000
" - 0000

Toxo in smears
" " "
" " "
" " "

MAY 23 1952

TOXO PLASMA # 520 -> (PASSAGE)

6 Swiss Mice 0.03 I.C. + 0.5cc I.P. of 10% susp. of
MOUSE #1 PASSAGE # 519
Brain + 2cc N.R.S. grounded in 2cc of 10% Pass.

	1	2	3	4	5	6
1	-	-	-	-	-	D
2	-	-	-	-	-	D
3	-	-	-	-	-	CNS
4	-	-	-	-	-	CNS
5	-	-	-	-	-	CNS
6	-	-	-	-	-	CNS

5/28
Killed
Brain
in
2cc
N.R.S.

B.A.P. - 000
" - 000
" - 000
" - 000

Toxo smears
" " "
" " "
" " "

~~JUN 1952~~

~~JUN 1952~~
JUN 6 1952

~~JUN 1952~~

TOXO-PLASMA PASSAGE 521

5 SWISS MICE 0.03cc of I.C. + 0.5cc I.P.
of 10% susp of mouse #2 Pass 520

BRAIN + 2cc N.R.S. grounded in 2cc of
10% Pass.

1 2 3 4 5 6		B.A.P	TOXO th SMEAR
1 - 0		13 14 15 16	
2 - - - - D	JUN 12 Killed Brain in 2cc N.R.S.	Tube #1 BAP - 0	" many
3 - - - - - PR		Tube #2 " - 0	" many
4 - - - - - CMB		Tube #3 " - 0	" many
5 - - - - - CMB			

JUN 18 1952

Tube #1 of Pass 521 discarded.

Tube #2 - brain ground in total of 4cc.

8 mice - 0.03cc i.c.
0.25cc i.p.

4 mice sent to Dr. Herman C. Mason
Illinois State Psychopathic
Institute
912 South Wood St.
Chicago 12, Ill.

4 mice sent to Dr. A.I. Braude
Dept Intern. Medicine
Univ. Hospital
Univ. of Michigan
Ann Arbor, Mich

JUN 20 1952

TOXOPLASMA PASSAGE #522

6 SWISS mice 0.03cc of I.C. + 0.5cc I.P.
of 10% susp. of mouse #2 Pass. #521

BRAIN + 2cc N.R.S. ground in 2cc of
10% Kss.

1 2 3 4 5 6

1 - - - D

2 - - - D

3 - - - D

4 - - - R

5 - - - CNS

6 - - - CNS

Killed BRAIN
IN
2cc N.R.S.

B.A.P.

+

11

25 26 27

Tube # 1-0

" " 2-0

" " 3-0

TOXO in SMEAR

11

11

25 26

#1 Positive (many)

2 " " "

3 " " "

JUL 3 1952

TOXOPLASMA PASSAGE #523
6 SWISS mice 0.03cc of I.C. + 0.5cc I.P.
of 10% susp. of mouse #3 Pass #522

BRAIN + 2cc N.R.S. ground in 2cc of
10% Kss.

1 2 3 4 5 6

1 - - - D

2 - - - D

3 - - - D

4 - - - D

5 - - - D

6 - - - D

1-7-52

Killed BRAIN
IN

2cc N.R.S.

B.A.P.

"

8 9

Tube # 1-0-0

Discarded 2-3 colonies

" 3-0-0

TOXO in SMEAR

" " "

#1 Positive

2 Discarded

3 Positive

JUL 18 1952

TOXOPLASMA PASSAGE #524

6 SWISS mice 0.03cc of I.C. + 0.5cc I.P.
of 10% Suspension of mouse #1 Pass #523

BRAIN + 2cc N.R.S. ground in 2cc of
10% Kss.

1 2 3 4 5 6

1 D

2 - - - -

3 - - - -

4 - - - -

5 - - - -

6 - - - -

1-23-52

Killed Brain

in

2cc N.R.S.

B.A.P.

" 23 24 25

Tube # 1-0-0

" 2-0-0

" 3-0-0

" 4-0-0

TOXO in SMEAR

#1 1-23-52

1 Positive

2 "

3 "

4 "

July 24, 1952 - Brain #1 passaged in 4 mice and
sent to Dr. Foster, Illinois Dept of
Public Health, Chicago, Ill.

(over)

7-28. Brain No 4. passaged i.c + i.p. in 5 Swiss mice of pair D. Subin.
(sent away).

8-1. Brain no 2 passaged i.c + i.p. in 5 Swiss mice

passage 525:

Aug.	2	3	4	5	6	7	Wright stain prep.	BAP:
1	-	-	-	-	CNS	Killed 8-6.	pos	000
2	-	-	-	-	CNS		pos.	000
3	-	-	-	-	CNS		pos	000
4	-	-	-	-	CNS		pos	000
5	-	-	-	-	SAL		pos.	000

Stored: each brain in 2 cc I.R.S. in refrigerator.

8-15-52. passage 526.

Aug.	16	17	18	19	20	21	Wright stain.	BAP
1	-	-	-	-	CNS	Killed 8-20.	pos	3 0
2	-	-	-	-	"		pos	7 0
3	-	-	-	-	"		pos	0 0
4	-	-	-	-	"		pos	0 0
5	-	-	-	-	"		pos	0 0

8-30-52. passage 527

Aug.	31	1	2	3	4	5	Wright stain	BAP
1	-	-	-	-	CNS	Killed 9-3.	pos	0 0
2	-	-	-	-	CNS		pos	0 0
3	-	-	-	-	CNS		pos	0 0
4	-	-	-	-	CNS		pos	0 0
5	-	-	-	-	D			

SEP 12 1952

Passage 528

Brain of mouse #2 passaged in 5 mice. (pass. of 527) 0.03 I.C. + 0.5 cc I.P.

	13	14	15	16	17	18	Wright Stain	BAP
1	-	-	CNS	} Killed 9/15/52	heavily cont. - coccis ^{some} toxo		Cont.	
2	-	-	CNS		" " " " - neg.		Cont.	
3	-	-	CNS		" " " " - neg.		Cont.	
4	-	-	CNS		slight contain. - Toxo pos.		0	
5	-	-	D		heavy cont.		Cont.	

Died 2 min before sacrifice.

TOTO
534
NIN
525

SEP 18 1952

Repassage of 528 (pass of 527)

Brain of mouse # 3 passaged in 6 mice
(pass. of 527) 0.03 I.C. + 0.5 cc I.P.
- necessitated by contaminated condition of pass. 528.

	17	18	19	20	21	22
1	-	-	-	-	CNS	Killed 9/21/52
2	-	-	-	-	CNS	
3	-	-	-	-	CNS	
4	-	-	-	-	CNS	
5	-	-	-	-	CNS	
6	-	?	?	?	D	

Wright stain

pos.
pos.
pos.
pos.
pos.

BAP

0 0 0
0 0 0
0 0 0
0 0 0
0 0 0

OCT 3 1952

Passage 529

Brain of mouse # 1 passaged in 5 mice.
(pass. of 528) 0.03 I.C. & 0.5 cc I.P. per mouse.

Oct 4 5 6 7 8 9 10

1	-	-	-	-	CNS	10-8-52
2	-	-	-	-	CNS	
3	-	-	-	-	D	
4	-	-	-	-	D	
5	-	-	-	-	D	

Wright stain

No. 1 Many Toxo

No. 2 Many Toxo

BAP

Slight Contam.
contam. heavily

0 0 0

Note: Portions of each of these two brains sent to
Dr. Matsumoto in San Francisco - for transmission
to Japan.

Portions of each then passaged separately in
groups of 6 mice - 0.03 cc i.c. With these
they may come down in 3 to 4 days.

Passage 530 - A

OCT 8 1952

Portion of brain no. 1 ground in water in
2 cc NRS & inoculated 0.03 cc I.C. into 6 mice.
Brain # 2 observed for sterility on BAP.

OCT 9 10 11 12 13 14

1	-	-	-	-	CNS	Killed 10/13/52
2	-	-	-	-	CNS	
3	-	-	-	-	CNS	
4	-	-	-	-	CNS	
5	-	-	-	-	D	
6	-	-	-	-	D	

Wright stain

Few Toxo - Bacteria

Few Toxo

Many Toxo

Many Toxo

BAP

0 0 0

1 1 1 colony

0 0 0

0 0 0

PASS. 530-B.

OCT 10 1952

Portion of brain #2 from pass. 529 ground in mortar in 2 cc NRS & inoculated 0.03 cc I.C. into each of 6 mice.

OCT 11 12 13 14 15 16

1	-	-	-	CNS	} Killed 10/14/52
2	-	-	-	CNS	
3	-	-	-	CNS	
4	-	-	-	CNS	
5	-	-	-	CNS	
6	-	-	-	D	

Wright Stain

many topo
" " "
many topo
" "
" "

BAP

000
000
000
000
000

PASS. 531

OCT 25 1952

Portion of brain #1 from pass. 530-B ground in test tube in 2 cc NRS + 2 cc saline. Inoculated into 5 mice 0.03 I.C. & 0.5 cc I.P.

OCT. 26 27 28 29 30 31

1	-	-	-	CNS	} Killed 10/30/52
2	-	-	-	CNS	
3	-	-	-	CNS	
4	-	-	-	CNS	
5	-	-	-	D	

Wright Stain

many topo
" "
" "
" "

BAP

000
000
000
000

Brain #2 of pass. 530-B passaged in 4 mice & boxed for shipment. (0.03 cc I.C. + 0.5 cc I.P.) for Dr. Saline.

PASS 532

NOV 10 1952

Brain #1 from pass. 531 ground in test tube + 2 cc saline. Inoculated 0.03 I.C. & 0.5 cc intraperitoneally into 5 mice.

NOV: 11 12 13 14 15 16

1	-	-	-	CNS	} Killed 11-14-52
2	-	-	-	CNS	
3	-	-	-	CNS	
4	-	-	-	CNS	
5	-	-	-	CNS	

Wright Stain

many topo
" "
" "
" "

BAP

000
000
000
000
000

PASS. 533

NOV 24 1952

Brain #1 of pass. 532 ground in test tube with 2 cc NRS + 2 cc saline. Inoculated 0.03 cc I.C. & 0.5 cc I.P. into 5 mice.

NOV: 25 26 27 28 29 30 31

1	-	-	-	CNS	} Killed 11-29-52
2	-	-	-	CNS	
3	-	-	-	CNS	
4	-	-	-	CNS	
5	-	-	-	CNS	

Wright Stain

many topo
" "
" "
Few topo
many topo

BAP

000
000
01 colony
000
000

DEC 11 1952

PASS. 534

Brain of #1 of pass. 533 ground in tembroche with 2 cc NRS + 2 cc saline. Inoculated into 5 mice 0.03 cc I.C. & 0.5 cc I.P. per mouse.

Dec:	12	13	14	15	16	17	18	Wright Stain	BAP
1	-	-	-	-	CNS	Killed 12-16-52		many toxo	0 0 0
2	-	-	-	-	CNS			" "	0 0 0
3	-	-	-	-	CNS			" "	0 0 0
4	-	-	-	-	D				
5	-	-	-	-	D				

DEC 29 1952

PASS. 535

Brain of #1 of pass. 534 ground in tembroche with 2 cc NRS + 2 cc saline. Inoculated into 5 mice 0.03 cc I.C. & 0.5 cc I.P. per mouse.

Dec:	30	31	1	2	3	4	5	Wright Stain	BAP
1	-	-	-	-	CNS	Killed 1-2-53		many toxo	0 0 1 colony
2	-	-	-	-	CNS			" "	0 0 1 colony
3	-	-	-	-	CNS			" "	0 0 0
4	-	-	-	-	CNS			" "	0 0 0
5	-	-	-	-	D				

PASS 536

JAN 13 1953

Brain of #4 of pass 535 ground in tembroche with 2 cc NRS + 2 cc saline. Inoculated into 5 mice 0.03 cc I.C. & 0.5 cc I.P. per mouse

Jan	14	15	16	17	18	19	20	Wright Stain	BAP
1	-	-	-	-	CNS	Killed 1-18-53		many toxo	0 0 0
2	-	-	-	-	CNS			" "	0 0 0
3	-	-	-	-	CNS			" "	0 0 0
4	-	-	-	-	CNS			" "	0 0 0
5	-	-	-	-	D				

JAN 30 1953

PASS. 537

Brain of #1 of pass. 536 ground in tembroche with 2 cc NRS + 2 cc saline. Inoculated into 5 mice. 0.03 cc I.C. & 0.5 cc I.P. per mouse.

Jan.	31	1	2	3	4	5			
1	-	-	-	-	CNS	} killed 2-3-53	<u>Wright Stain</u>	<u>BAP</u>	
2	-	-	-	-	CNS		many toxo		0 0 0
3	-	-	-	-	CNS		lc	lc	0 0 0
4	-	-	-	-	CNS		lc	lc	0 0 0
5	-	-	-	-	CNS		lc	lc	0 0 0

PASS. 538

FEB 17 1953

Due to long time interval between passages. Brains # 1 & 2 of pass. 537 ground in tembrooke with 4cc NRS + 4cc saline. Inoculated 0.05cc I.C. & 0.5cc I.P. into 8 mice.

Feb: 18 19 20 21 22 23 24

1	-	-	-	-	CNS	} killed 2-22-53
2	-	-	-	-	CNS	
3	-	-	-	-	CNS	
4	-	-	-	-	CNS	
5	-	-	-	-	D	
6	-	-	-	-	D	
7	-	-	-	-	D	
8	D					

Wright Stain

Many taps

" "

" "

" "

BAP

0 0 0

0 0 0

0 0 0

2 colonies

MAR 5 1953

TOXO PASS. 539

Brain of #1 of pass. 538 ground in tembrooke with 2cc NRS + 2cc saline. Inoculated into 5 mice 0.03cc I.C. & 0.5cc I.P.

Mar: 6 7 8 9 10 11 12

1	-	-	-	-	CNS	} killed 3-11-53
2	-	-	-	-	CNS	
3	-	-	-	-	CNS	
4	-	-	-	-	CNS	
5	-	?	-	-	D	

Wright Stain

Many taps

" "

" "

" "

BAP

0 0 0

0 0 1 colony

0 0 0

0 0 contam.

MAR 28 1953

TOXO PASS. 540

Brain of #1 of pass. 539 ground in tembrooke with 2cc NRS + 2cc saline. Inoculated into 5 mice 0.03cc I.C. & 0.5cc I.P.

Mar: 24 25 26 27 28 29 30

1	-	-	-	?	CNS	} killed 3-28-53
2	-	-	-	?	CNS	
3	-	-	-	-	CNS	
4	-	-	-	-	CNS	
5	-	-	-	-	D	

Wright stain

Many Taps

" "

" "

" "

BAP

0 0

0 0

0 0

0 0

APR 8 1953

PASS. 541

Brain of #1 of pass: 540 ground in tembroke with 2 cc NRS + 2 cc saline. Inoculated 0.03 cc I.C. + 0.5 cc I.P. into 5 mice:

Apr.	9	10	11	12	13	14	15	Wright stain	BAP
1	-	-	-	-	-	-	CNS	Many topo	Contam.
2	-	-	-	-	-	-	CNS	" "	Contam.
3	-	-	-	-	-	-	CNS	" "	Contam.
4	-	-	-	-	-	-	D		
5	-	-	-	-	-	-	D		

killed
4-14-53

[Gram + rods]

NOTE: Many topo seen in field. no bacteria noted throughout entire slide:

APR 17 1953

RE Passage 541

Brains # 2 & 3 of pass. 540 ground in tembroke with 4 cc NRS + 4 cc saline. Inoculated into 10 mice 0.03 cc I.C. + 0.5 cc I.P.

Apr.	18	19	20	21	22	23	24	25	26	Wright stain	BAP
1	-	-	-	-	-	-	-	-	-		
2	-	-	-	-	-	-	-	-	-		
3	-	-	-	-	-	-	-	-	-		
4	-	-	-	-	-	-	-	-	-		
5	-	-	-	-	-	-	-	-	-		
6	-	-	-	-	-	-	-	-	-		
7	-	-	-	-	-	-	-	-	-		
8	-	-	-	-	-	-	-	-	-		
9	-	-	-	?	?	?	-	-	-		
10	?	D									

Discarded: 4-25-53. Since pass. 542 yielded un-contaminated material with abundance of topo.

Attempt PASS. 542:

APR 17 1953

Because of contaminated condition of brains of pass. 541: Brain #1 inoculated with 1000 $\pm$ pericillium per ml after grinding in tembroke with 2 cc NRS + 2 cc saline.

Brain #2 (pass. 541) ground as usual & left uninoculated with antibiotics.

Both brains left to react ^{separately} in refig. for 30 min. They inoculated separately into boxes of 5 mice each.

OVER

Inoculum: 0.03 cc I.C. + 0.5 cc I.P. per mouse.

APR 17 1953

PASS. 542 - BRAIN treated 1000 μ pen.

Apr.	18	19	20	21	22	23	24	Wright stain	BAP.
1	-	-	CNS	} killed 4-20-53				many Teto	000
2	-	-	CNS					" "	<u>Culture</u>
3	-	-	CNS					" "	000
4	-	-	CNS						
5	-	-	D						

Pass. 542 - Brain untreated

Apr.	18	19	20	21	22	23	24	Wright stain	BAP.
1	-	-	CNS	} killed 4-20-53				many Teto	000
2	-	-	CNS					" "	000
3	-	-	CNS					" "	000
4	-	-	CNS						
5	-	-	D						
6	-	-	D						
7	-	-	D						

NOTE: no bacteria could be found in any of the smears examined.

MAY 2 1953

PASS. 543

Brain #1 untreated from pass. 542 ground in tembrooke with 2 cc NRS + 2 cc saline. Insulated 0.03 cc I.C. & 0.5 cc I.P. into each of 5 mice (Swiss).

May	3	4	5	6	7	8	9	Wright stain	BAP
1	-	-	CNS	} killed 5-6-53				many Teto	000
2	-	-	CNS					" "	000
3	-	-	CNS					" "	000
4	-	-	CNS					" "	000
5	-	-	D						

MAY 19 1953

PASS. 544

Brain #1 from pass. 543 ground in tembrooke with 2 cc NRS + 2 cc saline. Insulated 0.03 cc I.C. & 0.5 cc I.P. into 6 mice.

May	20	21	22	23	24	25	Wright stain	BAP
1	-	-	-	-	CNS	} killed 5-25-53	many Teto	000
2	-	-	-	-	CNS		" "	000
3	-	-	-	-	CNS		" "	000
4	-	-	-	-	CNS		" "	000
5	-	-	-	-	CNS			
6	-	-	-	-	CNS			

JUN 5 1953

PASS. 545

Brain #1 from pass. 544 ground in tembooke with 2 cc NRS + 2 cc saline. Inoculated 0.03 cc I.C. & 0.5 cc I.P. into 5 mice. (Household Swiss).

JUN.	6	7	8	9	10	11	Wright Stain	BAP
1	-	-	-	-	-	CNS	many Tofo	000
2	-	-	-	-	-	CNS	" "	000
3	-	-	-	-	-	CNS	" "	000
4	-	-	-	-	-	CNS	" "	000
5	-	-	-	-	-	D		

killed
6-10-53

June 22.

Pass. 546.

Brain #1 from p 545 ground in TenBroek grinder with 2 cc NRS + 2 cc saline. i.c. 0.03 cc + 1/2 cc i.p. in each of 5 household adult Swiss mice.

June	23	24	25	26	27	Wright stain (smear):	BAP:
23	-	-	-	-	-	CNS +	++
24	-	-	-	-	-	CNS + (scanty)	++
25	-	-	-	-	-	CNS ? heavy contam. with cocci.	++
26	-	-	-	-	-	? + (scanty)	++
27	-	-	-	-	-	+ (scanty) slight contam. with cocci.	++

June 27. Repeated pass. 546, with mouse brain No 2 of the pass. 545.

June	28	29	30	July 1st	2nd	3rd	4th
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-

1 - sick } dead, decomposed } on June 30.
2 - sick } dis. ended }
3 - ? } moribund, killed } direct smear no T, no bacteria. BAP: ++

for p 547 → 4 - - - - - CNS } Killed. Tox: many BAP: 000
5 - - - - - CNS } brain in NRS. " : many, " : 0 1 col. (air inf.?)
But less than in no 4

JUL 13 1953

PASS. 547

Brain #4 of repassage 546 ground in tembooke with 2 cc NRS + 2 cc saline. Inoculated 0.5 cc I.P. & 0.03 cc I.C. into 5 mice (Swiss)

Pass # 2	July	14	15	16	17	18	19	20	Wright stain	BAP
	1	-	-	-	-	-	-	-	many Tofo	000
	2	-	-	-	-	-	-	-	" "	000
	3	-	-	-	-	-	-	-	" "	000
	4	-	-	-	-	-	-	-	" "	000
	5	-	-	-	-	-	-	-		

killed
7-17-53
died 5
min. before
brain
removed

JUL 28 1953

PAS 548

Brain #1 of P. 548 ground in tembrocke with
2 cc NRS + 2 cc saline. 0.03 I.C. & 0.5 cc I.P. inoculated
into 6 mice.

July	29	30	31	2	3	Wright stain	BAP
1	-	-	-	CNS		many Taps	0 0 0
2	-	-	-	CNS		" "	0 0 0
3	-	-	-	CNS		" "	0 0 0
4	-	-	-	CNS		" "	0 0 0
5	-	-	-	D			
6	-	-	-	D			

AUG 3 1953

Passage # 549

Ten Broeck

Brain #1 of P. 548 ground in tembrocke + 2 cc
NRS + 2 cc saline. 0.03 IC + 0.5 cc I.P. inoculated
into 5 mice

Aug	4	5	6	8	9	Wright stain	BAP
#	-	-	-	CNS		many Taps	0 1
2	-	-	-	CNS		" "	0 0
3	-	-	-	CNS		" "	0 0
4	-	-	-	CNS		" "	0 0
5	-	-	-	CNS		" "	0 0

NOTE: Brains # 244 sent by Dr. Salin
to Ceylon. on Passage 8-6-53 in
NRS + 1000² pen & 1 mg strep / ml.
Slides on all 5 brains kept.

AUG 17 1953

Passage # 550

Brain #5 of P. 549 ground in Tembrocke + 2 cc NRS
+ 2 cc saline. 0.03 cc IC + 0.5 cc I.P. inoculated
into 5 mice.

Aug	18	19	20	21	22	23	Wright's Stain	BAP
1	-	-	-	CNS			few Taps	0 0 0
2	-	-	-	CNS			few Taps	0 0 0
3	-	-	-	CNS			many Taps	0 0 0
4	D							
5	D							

AUG 25 1953

Passage #55-1

Brain #3 of P 55-0 ground in Tumbuka = 2 cc NRS + 2 cc of saline. 0.03 cc IC + 0.5 cc IP inoculated into 5 mice

Aug 26 27 28 29 30

1	-	-	-	CNS	killed 8-29-53
2	-	-	-	CNS	
3	-	-	-	CNS	
4	-	-	-	CNS	
5	-	-	-	CNS	

Wright's Stain
Many toxo
Many toxo
Many toxo
Many toxo

BAP
Contn
Contn
Contn
Contn
0 0 0

SEP 8 1953

Passage #55-2

Brain #5 of P 55-1 ground in Tumbuka = 2 cc NRS + 2 cc of saline. 0.03 cc IC and 0.5 cc IP inoculated into 5 mice

Sept 10 11 12 13 14 15

1	-	-	-	-	CNS	killed 9-14-53
2	-	-	-	-	CNS	
3	-	-	-	-	CNS	killed 9-15-53
4	-	-	-	-	CNS	
5	-	-	-	-	CNS	

Wright's Stain
Many toxo
Many toxo
Many toxo
Many toxo
Many toxo

BAP
Contn
Contn
0 0 0
0 0 0
0 0 0

SEP 23 1953

Passage #55-3

Brain #3 of P 55-2 ground in Tumbuka = 2 cc NRS + 2 cc saline. 0.03 cc IC and 0.5 cc IP inoculated into 5 mice.

Sept 24 25 26 27

1	-	-	-	CNS	killed 9-26-53
2	-	-	-	CNS	
3	-	-	-	CNS	killed 9-27-53
4	-	-	-	CNS	
5	-	-	-	CNS	

Wright's Stain
Many toxo
Many toxo
Many toxo
Many toxo
Many toxo

BAP
0 0 0
0 0 0
0 0 0
0 0 0
0 0 0

Brains 3 and 4 packaged and sent to:

Dr W A Summers
Dept of Microbiology
Indiana University Med Center
Indianapolis, Indiana

OCT 6 1953

Passage #55-4

Brain #1 of P 55-3 ground in Tumbuka = 2 cc NRS + 2 cc saline. 0.03 IC and 0.5 cc IP inoc into 5 mice

Oct 7 8 9 10 11 12

1	-	-	-	-	CNS	killed 10-11-53
2	-	-	-	-	CNS	
3	-	-	-	-	CNS	
4	-	-	-	-	CNS	killed 10-12-53
5	-	-	-	-	CNS	

Wright's Stain BAP

Many @
few
many
many
0 0 0
0 0 2
0 0 1
0 0 1
0 0 0

Passage #535

Brain #1 of Pass #554 ground in Tenbroeke $\pm$ 2cc NRS. + 2cc saline.
0.03 cc I.C and 0.5 cc I.R. inoculated into 5 mice.

Wright's Stair

BAP

Oct 24 20 26 20 28 25

1	D	- - - -
2	- - - -	CNS { all 10-28-93
3	- - - -	- CNS }
✓ 4	- - - -	- CNS { all 10-28-93
5	- - - -	- CNS

many
few
many
many

0	0	0
3	3	3
0	0	0
1	1	1

Oct 28, 1953

Passage #556

Brain # 2 of Pass. 555 ground in Ten Broeke & 2 cc NRS +
2 cc saline. 0.03 cc I.C + 0.5 cc IP inoculated into 6 mice

Oct 29 30 31 1 2 3 4

Wright's stain

1 2 - - - - CMS } killed
2 - - - - CMS }
3 - - - - CMS }
4 - - - - - CMS } killed
5 - - - - - CMS } 11-4-57
6 - - - - - CMS }

Many
Many
Jens
Jens
Jens
Jens

0	0	0
0	0	0
3	3	3
0	1	1
0	0	0
1	1	1

Note: ~~Brewins~~ #1 and #2 were sent on 11-2-53 to Mexico City.

Note: Brains of mice nos 4, 5, 6, showed only few toxoplasmic per field, although the mice showed marked CNS signs before being killed.

Passage # 557

NOV 12 1959

Brain #3 of Pass. 55-6 ground in Ten Broeke $\pm$ 2 cc NRS + 2 cc saline + 100 mg pen and 0.1 mg strep/ml. 0.03 cc I.C. and 0.5 cc IP inoculated into 5 mice.

Wright, S. S.

QAP

Nov. 13 14 15 16 17 18 19 20

1	-	-	-	-	-	CMS
2	-	-	-	-	-	CMS
3	-	-	-	-	-	CMS
4	-	-	-	-	-	CMS
5	-	-	-	-	-	CMS
6	-	-	-	-	-	CMS

} bellad
11-20-50

many
many
many
for
for

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

DEC 1 1953

Passage # 5-5-8

Brain #3 of P-5-7 ground in Ten Broeke $\bar{c}$ 2 cc NRS + 2 cc saline. 0.03 cc I.C. + 0.5 cc I.P. inoculated into 5 mice

Dec 5 6 7 8 9 10 11

1	-	-	-	-	-	-	CNS	} killed 12-10-53
2	-	-	-	-	-	-	CNS	
3	-	-	-	-	-	-	CNS	
4	-	-	-	-	-	-	CNS	
5	-	-	-	-	-	-	CNS	

Wright's St.

many
many
many
many
many

BAP

0 0 0
contam
0 0 0
0 0 0
0 0 0

Passage # 5-5-9

Brain #3 of Passage #5-5-8 ground in Ten Broeke $\bar{c}$ 2 cc NRS + 2 cc saline. 0.03 cc I.C. + 0.5 cc I.P. inoculated into 5 mice.

Dec 25 26 27 28 29 30 31

1	0	0	0	0	0	0	CNS	} killed 12-30-53
2	0	0	0	0	0	0	CNS	
3	0	0	0	0	0	0	CNS	
4	0	0	0	0	0	0	CNS	
5	0	0	0	0	0	0	CNS	

Wright's Stain

many
many
many
* many
many

BAP

0 0 1
0 0 0
0 0 0
0 0 0
0 0 0

Passage # 5-6-0

15 Jan 54

Brain #4 of Passage #5-5-9 ground in Ten Broeke $\bar{c}$ 2 cc NRS + 2 cc saline. 0.03 I.C. + 0.5 cc I.P. inoculated into 5 mice

Jan 16 17 18 19 20 21 22 23

1	-	-	-	-	-	-	-	} killed 1-22-54
2	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	} killed 1-23-54
4	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	D
6	-	-	-	-	-	-	-	

Wright's St.

many
many
few
many

BAP

0 0 1
0 0 1
0 0 0
0 0 0

Passage # 5-6-1

2-8-54

Brain #4 of Passage #5-6-0 ground in Ten Broeke $\bar{c}$ 2 cc NRS + 2 cc saline. 0.03 I.C. + 0.5 cc I.P. inoculated into 5 mice.

Feb 9 10 11 12 13 14 15

1	-	-	-	-	-	-	D
2	-	-	-	-	-	-	D
3	-	-	-	-	-	-	D
4	-	-	-	-	-	-	D
5	-	-	-	-	-	-	D

Wright's Stain

many

BAP

Note: Because the door to the laboratory was locked during the evening of 2-14-54, it was impossible to harvest the toxoplasma. The following morning, 2-15-54, 4 mice were already dead and undergoing decomposition; the other died while preparations were being made to harvest it. This brain was removed and penicillin added. The ^{toxoplasma} brain was passaged thirty minutes later.

2-15-54

Passage #562

Brain # 5 of Passage #561 ground in Ten Broeke $\pm$ 2 cc NRS + 2 cc saline. 0.03 cc I.C. and 0.5 cc I.P. inoculated into 6 mice.

Feb 16 17 18 19 20 21

1 - CNS } killed 2-18-54
2 - - CNS

3 - - - CNS } killed 2-15-54
4 - - - CNS
5 - - - CNS

6 D

Wright's Stain

BAP

many	0 0 0
many	0 0 0
many	0 0 0
many	0 0 0
many	0 0 0

Passage #563

3-4-54

Brain # 3 of Passage #562 ground in Ten Broeke $\pm$ 2 cc NRS + 2 cc saline. 0.03 cc I.C. and 0.5 cc I.P. inoculated into 5 mice.

Mar 5 6 7 8 9 10 11 12 13

1 - - - - - CNS } killed 3-11-54
2 - - - - - CNS
3 - - - - - CNS
4 - - - - - CNS
5 D

Wright's Stain

BAP

many	0 0 0
many	0 0 0
many	0 0 0
many	0 0 0
many	0 0 0

3-24-54

Passage #564

Brain # 2 of Passage #563 ground in Ten Broeke $\pm$ 2 cc NRS + 2 cc saline. 0.03 cc I.C. and 0.5 cc I.P. inoculated into 5 mice.

Wright's Stain

BAP

Mar 25 26 27 28 29 30 31

1 - - - - - ? D
2 - - - - - ? D
3 - - - - - ? D
4 - - - - - ? D
5 - - - - - CNS (killed 3-31-54)

many

0 0 0

3-31-54

Passage #565

Brain # 5 of Passage #564 ground in Ten Broeke $\pm$ 2 cc NRS + 2 cc saline. 0.03 cc I.C. and 0.5 cc I.P. inoculated into 5 mice.

April 1 2 3 4 5 6

1 - - - - - CNS } killed 4-5-54
2 - - - - - CNS
3 - - - - - CNS
4 - - - - - CNS
5 - - - - - D

Wright's Stain

BAP

No. 1x many	0 0 0
many	0 0 0
many	0 1 1
many	0 0 0

APR 19 1954

Passage 566

BROECK

Brain No 1 of passage 565 ground in Ten Broeck @ 2 ml. N.R.S + 2 ml. saline. Inoculum = 0.03 ml IC + 0.5 ml IP per mouse in seven mice.

April 20 21 22 23 24 25 26 27

Wrights Stain

BAP

1 - - - - - ^{CHS} } Killed
 2 - - - - - ^{CHS} } ~~4-23-54~~
 3 - - - - - ^{CHS} } Killed 4-25-54
 4 - - - - - ^{CHS} } Many
 5 - - - - - } Discarded
 6 - - - - - }
 7 - - - - - }

Many

Many

Many

Many

0 0 0

0 0 0

0 0 0

0 0 0

Pay attention!

MAY 6 1954

Passage # 567

Brain #1 of passage 566 ground in Ten Broeck @ 2 ml N.R.S + 2 ml sterile saline. Inoculum = 0.03 ml IC; 0.5 ml IP, per mouse. Four mice used.

May 7 8 9 10 11 12

Wrights Stain

BAP

1 - - - - - ^{CHS} } Killed 5-11-54
 2 - - - - - ^{CHS} }
 3 - - - - - ^{CHS} }
 4 D

Many

Many

Many

Negative

Passage # 568

MAY 22 1954 Brain #1 of passage #567 ground in Ten Broeck @ 2 ml N.R.S + 2 ml sterile saline. Inoculum = 0.03 ml IC, + 0.5 ml IP. Seven mice.

May - 23 24 25 26 27 28 29

Wrights Stain

BAP

1 - - - - - ^{CHS} } Killed
 2 - - - - - ^{CHS} } 5-26-54
 3 - - - - - ^{CHS} }
 4 - - - - - D } Mushy
 5 - - - - - D } Discarded
 6 - - - - - D }
 7 - - - - - D → Discarded

Many

Many

Very few

0 0 0

0 0 0

0 0 0

Passage # 569

JUN 7 1954

Brain #1 of passage 568 ground in Ten Broeck @ 2 ml N.R.S + 2 ml sterile saline. Inoculum 0.03 ml IC, + 0.5 ml IP. Six Swiss mice 16-18 gr used.

June 8 9 10 11 12 13

Wrights Stain

BAP

1 - - - - - ^{CHS} } Killed 6-12-54
 2 - - - - - ^{CHS} }
 3 - - - - - ^{CHS} }
 4 - - - - - ? }
 5 - - - - - D } Discarded
 6 - - - - - D }

Few

Many

Many

Many

Negative

AUG 17 1954

Repeat Passage 573

Brain No. 4 of passage No. 572 ground in Ten Broeck @ 2 ml N.R.S., + 2 ml sterile saline. Six Swiss mice inoculated @ 0.03 ml i.c.; 0.5 ml i.p.

Aug 18 19 20 21 22 23

1	-	-	-	-	-	CNS
2	-	-	-	-	-	CNS
3	-	-	-	-	-	CNS
4	-	-	-	-	-	CNS
5	-	-	-	-	-	CNS
6	D					

Killed 8-23-54

Discarded

Wrights Stain
Many - also diplococci
Toxo present - No bact
Few - No bact
Many - No bact

BAP

Discarded - Contaminated
Negative *
Negative
3 colonies

SEP 2 1954

Passage 574

Brain No. 2 of passage No. 573 ground in ten Broeck @ 2 ml N.R.S. + 2 ml sterile saline fine Swiss mice inoculated @ 0.03 ml i.c.; 0.4 ml i.p.

Sept 3 4 5 6 7 8

1	D					
2	-	-	-	-	-	R D
3	-	-	-	-	-	R D
4	-	-	-	-	-	R CNS
5	-	-	-	-	-	R CNS
6						

9/8/54

Wrights Stain

BAP

+ for Toxo
+ MANY NO BACT.
+ "

SEP 24 1954

Passage 575

Brain No. 4 of passage No. 574 ground in Ten Broeck @ 2 ml N.R.S. + 2 ml sterile saline. Six Swiss mice inoculated @ 0.03 ml i.c., + 0.5 i.p.

Sept

25 26 27 28 29 30 1

1	-	-	-	-	-	-	CNS
2	-	-	-	-	-	-	CNS
3	-	-	-	-	-	-	CNS
4	-	-	-	-	-	-	D
5	-	-	-	-	-	-	D
6	-	-	-	-	-	-	D Died out

Killed 10-1-54

Wrights Stain
Moderate number
Many present
Few present

BAP

0 0 0
0 12 colonies
0 0 0

OCT 6 1954

Passage No 576

Brain No. 1 of passage 575 ground in Ten Broeck @ 2 ml N.R.S., + 2 ml sterile saline. Four Swiss mice inoculated @ 0.03 ml i.p. + 0.5 ml i.c.

Oct

7 8 9 10 11 12

1	-	-	-	-	-	-	CNS
2	-	-	-	-	-	-	CNS
3	-	-	-	-	-	-	CNS
4	-	-	-	-	-	-	CNS

Killed 10-11-54

Wrights Stain

BAP

Many
Moderate
Many
Few

Negative →
Negative
Negative
Negative

OCT 21 1954

Passage No. 577

Brain No. 1 of passage no. 576 ground in Ten Broeck @ 2 ml NRS + 2 ml Sterile saline. Nine Swiss mice inoculated @ .02 ml i.c. + 0.5 ml i.p.

Oct 22 23 24 25 26 27

1	-	-	-	-	CHS	Killed 10-26-54
2	-	-	-	-	CHS	
3	-	-	-	-	CHS	
4	-	-	-	-	CHS	
5	-	-	-	-	CHS	Discarded
6	-	-	-	-	CHS	
7	-	-	-	-	CHS	
8	-	-	-	-	CHS	
9	-	-	-	-	CHS	

Wrights Stain

Many →

Many

Moderate

BAP

000

000

000

NOV 8 1954

Passage No. 578

Brain No. 1 of Passage 577 ground in Ten Broeck @ 2 ml NRS + 2 ml Sterile saline. Seven Swiss mice inoculated @ .02 ml i.c. + 0.5 ml i.p.

Nov 9 10 11 12 13 14

1	-	-	-	-	CHS	Killed 11/13/54
2	-	-	-	-	CHS	
3	-	-	-	-		Discarded
4	-	-	-	-		
5	-	-	-	-		
6	-	-	-	-		
7	-	-	-	-		

Wrights Stain

Many

Many →

BAP

000

000

Passage No. 579

NOV 26 1954

Brain No. 2 of passage no. 578, 11/13/54, ground in Ten Broeck @ 2 ml NRS + 2 ml Sterile saline. Four Swiss mice inoculated @ 0.02 ml i.c. + 0.5 ml i.p.

Nov 27 28 29 30 1 2

1	-	-	-	CHS	Killed 11/30/54
2	-	-	-	CHS	
3	-	-	-	CHS	
4	-	-	-	CHS	

Wrights Stain

Many

Many

Many

Many

BAP

000

000

000

000

DEC 7 1954

Passage No. 580

DEC 7 1954

Passage No. 580

Brain No 1 of passage 579 (11/30/54) ground in Ten Broeck & 2 ml
N.R.S. + 2 ml sterile saline. Seven Swiss Mice inoculated $\bar{c}$ 0.5 ml i.p.
0.02 ml i.c.

Dec	8	9	10	11	12	13	14	15	
1	-	-	-	-	-	-	-	CHS	Killed 12/14/54
2	-	-	-	-	-	-	-	CHS	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	Killed 12/15/54
5	-	-	-	-	-	-	-	-	
6	-	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	-	Discarded

Wrights Stain

BAP

Many
Few
Many
Many
Many
Many

0 0 0
0 0 0
0 0 0
Contam
Contam
0 0 0

DEC 30 1954

PASSAGE No. 581

Brain No 1 of passage 580 (~~12-14-54~~¹²⁻¹⁴⁻⁵⁴) ground in Ten Broeck
& 2 ml NRS + 2 ml sterile saline. Seven Swiss Mice inoculated
 $\bar{c}$ 0.5 ml i.p. 0.02 ml i.c.

Dec	31	1	2	3	4	5	6	7	
1	-	-	-	-	-	-	-	CHS	Killed 1/6/55
2	-	-	-	-	-	-	-	CHS	
3	-	-	-	-	-	-	-	CHS	
4	-	-	-	-	-	-	-	CHS	
5	-	-	-	-	-	-	-	CHS	
6	-	-	-	-	-	-	-	D	
7	-	-	-	-	-	-	-	D	

Wrights Stain

BAP

Many
Many
Many
Many

0 0 0
0 0 0
0 0 0
0 0 0

JAN 20 1955

Passage No. 582

Brain No. 1 of passage 581 (~~1-6-55~~¹⁻⁶⁻⁵⁵) ground in Ten
Broeck & 2 ml NRS + 2 ml sterile saline. Seven Swiss Mice
inoculated $\bar{c}$ 0.5 ml i.p. 0.02 ml i.c.

Jan	21	22	23	24	25	26	27	
1	-	-	-	-	-	-	CHS	Killed 1/27/55
2	-	-	-	-	-	-	CHS	
3	-	-	-	-	-	-	CHS	
4	-	-	-	-	-	-	CHS	
5	-	-	-	-	-	-	CHS	
6	-	-	-	-	-	-	CHS	Discarded
7	D							

Wrights Stain

BAP.

Many
Many
Many
Many
Many

0 0 0
0 0 0
0 0 0
0 0 0
0 0 0

Mar 22 23 24 25 26 27 28 29 31

4 - - - - -
5 - - - - -
6 - - - - -
7 - - - - -
8 - - - - - D
9 0

MAR 29 1955

Passage 586

Brain no 1 of passage (585) (3-29-55) ground in Ten Brock & 2 ml NRS + 2 ml sterile saline. 6 swiss mice inoculated & 0.5 ml ip. and 0.03 ml i.c.

March 30 31 ^{April} 1 2 3 4 5

1 - - - - - D
2 - - - - - D
3 - - - - - (Killed 4/4/55)
4 - - - - - D
5 - - - - - D
6 - - - - - D

Wrights Stain
Negative
Positive
Positive

BAP
0 0 0
0 0 0
0 0 0

} Discard

APR 14 1955

Passage 587

Brain no 3 of passage 586 (4/4/55) ground in Ten Brock & 2 ml NRS + 2 ml sterile saline. 6 swiss mice inoculated & 0.5 ml ip. and 0.03 ml i.c.

April 15 16 17 18 19 20 21

1 - - - - - D
2 - - - - - D
3 - - - - - (Killed 4/19/55)
4 - - - - - D
5 - - - - - D
6 D

Wrights Stain
Negative
Negative
Positive

BAP
0 0 0
0 0 0
0 0 0

} Discard

April 30, 1955

Passage 588

Brain No 3 of passage 587 (4/19/55) ground in Ten Broek

2 ml NRS + 2 ml saline, 6 Swiss mice inoculated

0.5 i.p. and 0.03 ml i.c.

	1	2	3	4	5	Wrights stain	BAP
May 1	-	-	-	-	-	<u>Positive</u>	0 0 0
2	-	-	-	-	-		0 0 0
3	-	-	-	-	-		
4	-	-	-	-	-		
5	-	-	-	-	-		
6	-	-	-	-	-		

May 14, 1955

Passage 589

Brain No 1 of passage 588 (5/5/55) ground in Ten Broek 2 ml NRS + 2 ml

saline - 5 Swiss mice inoculated 0.5 i.p. and 0.03 ml i.c.

	15	16	17	18	19	Wrights stain	BAP
May 1	-	-	-	-	-	positive positive	0 0 0 0
2	-	-	-	-	-		0 0 0 0
3	-	-	-	-	-		
4	-	-	-	-	-		
5	-	-	-	-	-		

Passage 590

May 29, 1955

Brain No 4 of passage 589 (5/19/55) ground in Ten Broek 2 ml NRS + 2 ml saline - 6 Swiss mice inoculated 0.5 i.p. and 0.03 ml i.c.

	20	31	1	2	3	Wrights stain	BAP
May 1	-	-	-	-	-	positive positive	0 0 0 0
2	-	-	-	-	-		0 0 0 0
3	-	-	-	-	-		
4	-	-	-	-	-		
5	-	-	-	-	-		
6	-	-	-	-	-		

Passage 591

June 14, 1955

Brain No 1 of passage 590 (6/2/55) ground in Ten Broek 2 ml NRS + 2 ml saline - 6 Swiss mice inoculated 0.5 i.p. and 0.03 ml i.c.

	15	16	17	18	19	20	Wrights stain	BAP
June 1	-	-	-	-	-	-	<u>positive</u> <u>positive</u>	0 0 0 0
2	-	-	-	-	-	-		0 0 0 0
3	-	-	-	-	-	-		
4	-	-	-	-	-	-		
5	-	-	-	-	-	-		
6	-	-	-	-	-	-		

Pass 592

July 1-1955

Brain No 2 of passage 591 (6/20/55) ground in Ten Broek $\bar{c}$ 2ml NRS + 2ml saline.
6 PR1 mice inoculate $\bar{c}$ 0.5 i.p. and 0.03 i.c.

July 2 3 4 5 6 7 8 9

Wright's stain

SAP

1
2
3
4
5
6

injected 7/9/55

592/1 +
592/2 -
592/3 +
592/4 -
592/5 +
592/6 -

0 0 0 0
0 0 0 0
0 0 0 0
0 0 0 0
0 0 0 0
0 0 0 0

Pass 593

July 16-1955

Brain No 2 of passage 592 (7/9/55) ground in Ten Broek $\bar{c}$ 2ml NRS + 2ml saline -
5 PR1 mice inoculate $\bar{c}$ 0.5 i.p. and 0.03 i.c.

July 17 18 19 20 21 22 23

1 0 0 0 0 0 NS — BAP — 0 0 0 0
2 0 0 0 0 0 " — " — 0 0 0 0
3 0 0 0 0 0 " — " — 0 0 0 0
4 0 0 0 0 0 " — " — 0 0 0 0
5 0 0 0 0 0 " D

— Wright's stain very few
" " many
" " very few
" " negative

Pass 594

July 30-1955

Brain No 2 of passage 593 (7/22/55) ground in Ten Broek $\bar{c}$ 2ml NRS + 2ml saline -
4 PR1 mice inoculate $\bar{c}$ 0.5 i.p. and 0.03 i.c.

Aug.
July 31 1 2 3 4

1 0 0 0 0 K
2 0 0 0 0 K
3 0 0 0 0 K
4 0 0 0 0 K

BAP - 0 0 0
" 0 0 0
" 0 0 0
" 0 0 0

Wright's stain
" "
" "
" "

many
few
few
few

Pass 595

August 13-1955

Brain No 1 of passage 594 (8/4/55) ground in Ten Broek $\bar{c}$ 2ml NRS + 2ml saline
5 PR1 mice inoculate $\bar{c}$ 0.5 i.p. and 0.03 i.c.

Aug. 1 2 3 4 5

14 0 0 0 0 0
15 0 0 0 0 0
16 0 0 0 0 0
17 0 0 0 0 0
18 0 0 0 0 0
19 0 0
20 K K

BAP - 0 0 0
" 0 0 0

Wright's stain
" " " "

many

injected
8/20

Pass 596

August 27/1955

Brain no 4 of passage 595 (8/20/55) ground in TenBrook $\bar{c}$ 2ml NRS + 2ml saline
 5 PR1 mice inoculate $\bar{c}$ 0.5 i.p. and 0.03 i.c.

August 28 29 30 31 Sept. 1

1	-	-	-	-	K	} killed 9/1/55
2	-	-	-	-	K	
3	-	-	-	-	K	
4	-	-	-	-	D	
5	-	-	-	-	D	

Whipple's Stain No 1 few
 2 few
 3 many

BAP 0 0 0 0
 BAP 0 0 0 0
 BAP 0 0 0 0

Pass 597

Sept. 10/1955

Brain No 3 of passage 596 (9/1/55) ground in TenBrook $\bar{c}$ 2ml NRS + 2ml
 saline - 6 PR1 mice inoculate $\bar{c}$ 0.5 i.p. and 0.03 i.c.

Sept. 11 12 13 14 15

1					K	} killed 9/15/55
2					K	
3					D	
4					D	
5					D	
6					D	

Whipple's Stain No 1 good
 2 good

BAP 0 0 0 0
 BAP 0 0 0 0

Pass 598

Sept-24-55

Brain NO 1 of passage 597 (9/15) ground in TenBrook $\bar{c}$
 2ml NRS + 2ml Saline - 6 PR1 mice inoculated $\bar{c}$ 0.5 cc. i.p.
 and 0.03 cc. i.cere.

Sept 25 26 27 28 29 30

1	-	-	-	-	-	M	} Killed 9-30-55
2	-	-	-	-	-	M	
3	-	-	-	-	-	M	
4	-	-	-	-	-	-	
5	D						
6	D						

four slides were prepared
 no good.

Dr. Salim: discontinue any
 passage
 Oct-1-55.

S. Wang

Tytoplasma Survival Study

Purpose: - To determine the length of time for which tytoplasma will survive when stored as whole infected mouse brains in normal rabbit serum at 4°C .

Procedure: - The brains of tytoplasma-infected mice, showing definite central nervous system signs, were removed under aseptic conditions and placed separately into 2cc of inactivated normal rabbit serum in sterile tubes. The tubes were sealed with parafilm and placed in the refrigerator.

After the desired time intervals had elapsed, 2cc of 1090 RSS was added to the respective tubes and the mixture was ground, making a 1090 mouse brain suspension. This suspension was inoculated intracerebrally into 4-5 week old albino mice, in 0.03cc amounts & I.P.s. in 0.5cc amounts.

Inoculated mice were observed for 21-28 days to determine presence or absence of tytoplasma in the inoculum. Wright stained smears were made on ~~the~~ mice that died & showed CNS signs. Questionable mice were passaged.

MAR 1 1949

23 day Series

5 CH albino mice (3-4 wks) I Cr $\pm$ 0.03 of 10% brain suspension of M # 1 from Passage # 441 (2/6/49).

	1	2	3	4	5	6	7	8	9	10	
1	-	-	-	-	-	-	-	-	-	-	} MAR 10-2 brains removed - no tylo + no bact in smear. BAP-000
2	-	-	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	-	-	-	

Passage of 23 day Series

7 CH albino mice (4-5 wks) I Cr $\pm$ 0.03 cc of 10% brain suspension of M # 1 + 2 of "23 day series" (above) in 10% RSS. MAR 10 1949

	1	2	3	4	5	6	7	
1	-	-	-	-	-	-	-	} #1 - Smear showed many tyloplasma - no bact. - BAP-000 #2 - Smear showed many tyloplasma - no bact. - BAP-000 #3 - Smear showed many tyloplasma - no bact. - BAP-000 #4 - Smear showed many tyloplasma - no bact. - BAP-000
2	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	
6	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	

APR 13 1949

27 day Series

5 CH albino mice (4-5 wks) I Cr $\pm$ 0.03 cc + I Pl. $\pm$ 0.5 cc brain susp. of M # 2 from Pass # 443 A (3/17/49).

	1	2	3	4	5	6	7	
1	-	-	-	-	-	-	-	} #1 - 3 Brains removed - Smear showed tyloplasma + no bact. - BAP-000 #2 -
2	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	

Passage of 27 day Series

APR 20 1949

5 CH albino mice (4-5 wks) I Cr $\pm$ 0.03 cc of 10% brain suspension of M # 1 + 2 from above Passage (27 day series).

	1	2	3	4	
1	-	-	-	-	} #1 - Smear of brain showed many tyloplasma - BAP-000 #2 - Smear of brain showed many tyloplasma - BAP-000
2	-	-	-	-	
3	-	-	-	-	
4	-	-	-	-	
5	-	-	-	-	

Toxoplasma Survival

OCT 13 1949

28(A) day Series

6 C/H albino mice (2-3 wks) I.C. = 0.03 cc + I.P. =
0.25 cc of 10% brain suspension of M#2 of Pass #
453 (of 9/15/49).

1 2 3 4 5 6 7 8

1	-	-	-	-	-	-	?	D
2	-	-	-	-	-	-	-	CNS
3	-	-	-	-	-	-	-	CNS
4	-	-	-	-	-	-	-	CNS
5	-	-	-	-	-	-	-	?
6	-	-	-	-	-	-	-	?

Toxo Present in brain & Peritoneal exudate of
all animals.

AUG 24 1949

28 day Series

9 CH albino mice (4-5 wks) I.C. = 0.03cc + I.P. = 0.5cc of 10% brain suspension of M # 2 of Pass 451 (7/27/49).
M # 8+9 I.C. only.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

} Smears showed many Toxo - no bact. - BAP 000

} No Toxo in brain on Plutonal & update

*32 day Series

SEP 23 1949

6 CH albino mice (3-4 wks) I.C. = 0.03cc + I.P. = 0.5cc of 10% brain suspension of M # 2 of Pass 452 (8/22/49).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- NO TOXO + NO BACT IN SMEAR - PASSAGED - BAP 000

*33 day Series

SEP 24 1949

5 CH albino mice (4-5 wks) I.C. = 0.03cc + I.P. = 0.5cc of 10% brain suspension of M # 3 of Pass 452 (8/22/49).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*34 day Series

SEP 25 1949

5 CH albino mice (3-4 wks) I.C. = 0.03cc + I.P. = 0.5cc of 10% brain suspension of M # 4 of Pass 452 (8/22/49).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Series 32, 33 & 34 were stored in 5% glycerol. Additional brains to be stored at three time interval after storage in NRS.

Passage of m #1 of 32 day Series (Tyndale)

5C Halfino mix (4-5 wk) $I_{Ce} = 0.03cc$ + $I_{Pe} = 0.5cc$ of 1090
hair sample of #1 of 32 day Series (Tyndal).

[illegible]

Toxoplasma Survival

APR 21 1949

38 day Series

38 day 3 hrs
8 CH albino mice (4-5 wks) I.Ch. $\bar{c}$ 0.03cc + I Ph. $\bar{c}$ 0.5cc
of 10% brain suspension of M #1 of Pass # 443 (3/14/49)
* M # 8 received no I. Ph. injection.

[illegible]

Passage of 38 day, Sines

MAY 20 1949

64 albino mice (4-5 wks.) F_1 Gen ± 0.034 + I. Per. ± 0.54 of 1090
brain suspension of M #1, 2, 3 of test passage of brain stored for 38 days (above).

[illegible]

40 day Series

JUN 3 1949

6 CH albino mice (4-5 wks) I. Cr $\approx$ 0.03cc + I. Pl. $\approx$ 0.5cc of 10% brain suspension of M# 2 of passage 446 (4/24/49).

[illegible]

Passage of M # 1 of 40 day Series

JUN 10 1949

5 Cit albus mice (4-surps) I. Ca $\approx 0.03cc$ + I. Ph $\approx 0.5cc$ of 10%
brain suspension of M #1 of 40 day series (above).

[illegible]

Toxoplasma Survival

AUG 24 1949

50 day Series

10 CH albino mice (4-5 wks) I. Cr. $\approx 0.03cc$ + I. Ph. $\approx 0.5cc$ of
10% brain suspension of M #2 of pass 450 (7/5/49)
M # 8, 9, 10 I. Cr. only.

[illegible]

67 day series

MAR 28 1949

5CH albino mice (3-4 wks) I. Cr = 0.03 cc + I PL = 0.5 cc of 10% brain suspension of 2 mice from pass 439 (1/28/49).

[illegible]

Passage of M# 1 of 67 day Series

APR 7 1949

5 CH albino mice (4-5 wks) $\bar{I}A^b \approx 0.03 \mu$ + $\bar{I}Ph \approx 0.5 \mu$ of
10% brain suspension of M#1 from above passage.

[illegible]

Toxoplasma Survival

AUG 24 1949

77 day series

10CH alpine mix (4-5 wks) I Cr. = 0.03 cc + I Pe. = 0.5 cc of 10%
brain suspension of M# 2 of passage 449 (6/8/49).
M# 8, 9, 10 I Cr. only.

[illegible]

84 day Series

APR 22 1949

5 CH albino mice (4-5 wks) F.C. $\approx 0.03cc$ + F.P. $\approx 0.5cc$
of 10% brain suspension of M #3+4 of Passy 439 (1/28/49).

[illegible]

} Pooled & Passaged
to 5 CH alt.
no Terts in
series - BAP-000

Passage of M#1, 2, 3 of 84 day series

MAY 21 1949

5C Halfino mice (4-5 wks) $I.A. \bar{x} = 0.03cc + I.P. \bar{x} = 0.5cc$
of 10% brain suspension of M# 1, 2, 3 of test passages of brain stored for 84 days (above).

[illegible]

Totoplasma Survival

AUG 25 1949

91 day Series

10 CH albino mice (4-5 wk) I Cr $\approx 0.03cc$ + IP₂ $\approx 0.5cc$
of a 1090 train suspension of M # 2 of passage 448 (5/26/49).
M # 8, 9, 10 I Cr. only.

[illegible]

105 day Series

AUG 25 1949

10 CH albino mice (4-5 wks) I Cer. $\bar{z}$ 0.03 cc + I Pe $\bar{z}$ 0.5 cc
of a 10% brain suspension of m # 2 of Passage 447 (5/12/49)
m # 8, 9, 10 I Cer. only.

[illegible]

OCT 19 1948

Isolation Study

Pt is a 13 yr old wh ♀ who has had recurrent episodes of F.U.O. In June 1948 was found to have a positive toxoplasma skin test as well as a serum titer of 1:16. Readmitted to Children's in Sept. 1948 with another febrile episode. This time, however, she had an anemia and a palpable mass in the R.L. Quadrant. Serum titer for toxoplasma antibodies was 1:4 @ this time.

Patient operated upon this a.m. and the terminal ileum, cecum and ascending colon, and hepatic flexure were removed. The walls were hard and the associated lymph nodes matted in a mass of inflammatory tissue. When opened the gut wall was loaded w/ individual polyps. No areas of ulceration noted. Gross diagnosis by J. L. Lennan = chronic enteritis & polyposis.

A lymph node & piece of gut wall with several small polyps was removed, kept in the refrigerator for 2 1/2 hrs., then weighed (= 2.5 gms.) ground & suspended in 12.5 cc NaCl. This was filtered thru gauze and immediately inoculated into 9 max mice of about 4-5 weeks of age. Each rec'd 0.03 cc I.C. & 0.3 cc I.P. of this 20% suspension. Patient had rec'd sulfaguanidine & streptomycin for 2 days prior to operation.

(see)

Toxoplasma Passages

NOTE: THERE ARE TWO STRAINS, The "RH" & P-17.
 ONLY ONE OF THESE STRAINS SHOULD BE IN
 THE LABORATORY AT ANY GIVEN TIME.
 CHECK LABELS CAREFULLY.

"RH" Toxo Passages:

1) Intracerebral: This was passaged out of storage on 16 Aug. and so the mice will not be down, probably, until 20 Aug. Check carefully on 19 Aug, for they could come down then. For passage, select 2 mice with good signs, kill, bleed, remove brains intact, ^{culture} make sterile smears, keep brains in sterile Petri dish until smears are checked with Wright's stain. ^{3 min, & 4 min.} If plenty of tox, & no bacteria, suspend brains in 8.0 cc NaCl but use no abrasive. Allow to settle for about 5 minutes ^{max} and passage 0.03 cc into ice to each of 6 ch. alb. Passage in this fashion on or about the 20th of August and again on the 24th. The mice that come down on the 27th or 28th will not be passaged but will be stored as follows:

(a) Select 3-4 mice with good signs. Kill, bleed. Remove each brain with separate set of instruments. Make sterile smear & culture on BAP & then deposit each brain into a separate, short, broad tube. Label with "Rh toxo Pass # - Brain # (1-4), date. ^{3 min, 4 min.} If smears - Wright stain - are all right, add 2.0 cc 50% rabbit serum - saline to each tube. Cut off plugs, cover with parafilm & store in safe corner of refrigerator. DO NOT FREEZE

(OVER)

RH TXO:

2) INTRAPERITONEAL PASSAGES:

These are done by removing 0.6 cc peritoneal exudate from the mil injected in this fashion & inoculating 0.1 cc amounts of undiluted peritoneal exudate IP to each of 6 mil. These may be Sheffield or Ch alb & preferably about 3-4 weeks old. Such passages will be done on the following dates: Aug. 20, 24, 28, ³⁰Sept 1, ³4. Use one of the 3 day mil for the Sept 4 passage.

See Dr. Sahni about this passage.

P-17 Passages:

These will all be intracerebral and exactly like the RH to intracerebral passages.