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SECTION III : Figs. 86 - 114.

SECTION IV : Figs. 156 - 158.
INCREASE IN SUM OF LENGTH AND BREADTH WITH TIME OF 190 SPONTANEOUS TUMOURS IN 183 MICE.
FREQUENCY - DISTRIBUTION OF
GROWTH-RATES (0.5 AND OVER) OF
190 SPONTANEOUS TUMOURS IN
183 MICE
TUMOUR SIZE (LENGTH + BREATH) IN CM.

LITTERED

TIME IN DAYS

T.60
TUMOUR SIZE (LENGTH + BREADTH) IN CM.

TIME IN DAYS.

LITTERED

D.B./111
TUMOUR SIZE (LENGTH + BREADTH) IN C.M.

TIME IN DAYS.

LITTERED

D.B.C.-7(2)
A.I.

TUMOUR SIZE (LENGTH + BREADTH) IN CM

10 mg. 1:2:5:6
DIBENZANTHRACENE

FIG. 28
A.20.
12 mg 1:2:5:6-
DIBENZANTHRACENE.

A.8.
TUMOUR SIZE (LENGTH + BREADTH) IN CM

TIME IN DAYS

5 mg 1:2:5:6-
DIBENZACRIDINE

12 mg 1:2:5:6-
DIBENZANTHRACENE

A.16.
12 mg. 1:2:5:6-
DIBENZANTHRACENE

TUMOUR SIZE (LENGTH + BREADTH) IN CM.

TIME IN DAYS.
12 mg 1:2:5:6-
DIBENZANTHRACENE.

A.26.
I.2'5:6-DIBENZACRIDINE.

5mg 1:2:5:6-
DIBENZACRIDINE.

TUMOUR SIZE (LENGTH + BREADTH) IN CM

TIME IN DAYS

A.50.
1:2:5:8-DIBENZACRIDINE (COLLOIDAL) INTRAVENOUSLY.

TUMOUR SIZE (LENGTH + BREADTH) IN C.M.

TIME IN DAYS.

A.90.
5 mg 1:2:5:6-
DIBENZACRIDINE.

DIED 73 DAYS LATER

T2L.
TUMOUR SIZE (LENGTH + BREADTH) IN C.M.

TIME IN DAYS.

STYRYL 430

5 mg. 5 mg. 5 mg.

T. 40.
TIME IN DAYS

TUMOUR SIZE (LENGTH + BREADTH) IN CM

5 mg 8-0T-1R-1L 420.

DB/172.
TUMOUR SIZE (LENGTH + BREADTH) IN CM.

A.61.

12 mg PYRENE

TIME IN DAYS
TUMOUR SIZE (LENGTH + BREATH) IN CM

A.55.

12 mg PYRENE

TIME IN DAYS
TUMOUR SIZE (LENGTH + BREADTH) IN CM.

1:2:3:4 - DIBENZANTHRACENE

20 mg.

DB. 116.

TIME IN DAYS.
TUMOUR SIZE (LENGTH + BREADTH) IN CM.

TIME IN DAYS

M. G.

1: 2: 3: 4 - DIBENZANTHACENE

20 MG.
12 mg. ACENAPHTHANTHRACENE
4.3

Z

N(7)

0.5

1:2:5:6 - DIBENZPHENAZINE.

6 mg.

3 mg.

TUMOUR SIZE (LENGTH + BREADTH) IN CM.

3.5

3.0

2.5

2.0

1.5

1.0

0.5

0 5 10 15 20 25 30 35 40 45 50 55 60 65 TIME IN DAYS.

D.B./B 6
1:2:5: G - DIBENZPHENAZINE

G mg

TUMOUR SIZE (LENGTH + BREADTH) IN CM.

0 10 20 30

TIME IN DAYS

A.112.
GESTRONE BENZOATE

8 mg

8 mg

TUMOUR SIZE (LENGTH + BREADTH) IN CM.

TIME IN DAYS.

OESTRONE

P.B./2.
TUMOUR SIZE (LENGTH + BREADTH) IN CM.

TIME IN DAYS

8 mg OESTRONE BENZOATE

D.B./58.
TUMOUR SIZE (LENGTH + BREATH) IN C.M.

TIME IN DAYS

8.119 OESTRONE BENZOATE.
3:4 - BENZPYRENE

30 mg.

RAT SARCOMA NO. VIII
3:4-BENZPYRENE

30 mg.

TUMOUR SIZE (LENGTH + BREADTH) IN C.M.

TIME IN DAYS
3:4-BENZPYRENE

30 mg.

RAT SARCOMA NO. VII
CHOLANTHRENE

30 mg

RAT SARCOMA NO. XIII

TUMOUR SIZE (LENGTH + BREADTH) IN C.M.

TIME IN DAYS
The diagram illustrates the growth of methylcholanthrene rat sarcoma number 1 over time in days. The x-axis represents time in days, ranging from 0 to 60, and the y-axis represents the tumour size (length + breadth) in cm, ranging from 2 to 10. Two dosage levels are indicated: 25 mg and 30 mg. The graph shows a significant increase in tumour size over time, especially after the application of 30 mg.
METHYLCARANTHRENE

TUMOUR SIZE (LENGTH + BREATH) IN CM

TIME IN DAYS

METHYLCARANTHRENE
RAT SARCOMA NO. XII
METHYLCHOLANTHRENE

TUMOUR SIZE (LENGTH + BREADTH IN CM.)

TIME IN DAYS

30 mg

METHYLCHOLANTHRENE
RAT SARCOMA NO. X.
1:2:5:6 - DIBENZACRIDINE

14 mg.

SESAME OIL
5 ml.

1:2:5:6 - DIBENZANTHRACENE
RAT SARCOMA No. A

TUMOUR SIZE (LENGTH + BREADTH) IN CM.

TIME IN DAYS.
1:2:5:6-DIBENZACRIDINE

14 mg.

TIME IN DAYS

TUMOUR SIZE (LENGTH + BREATH) IN CM.

1:2:5:6-DIBENZANTHRACENE

RAT SARCOMA NO. VII
TUMOUR SIZE (LENGTH + BREADTH) IN CM.

TIME IN DAYS

1:2:5:6-DIBENZACRIDINE

5 mg.

SODIUM - 1:2:5:6 -

DIBENZANTHRACENE - 9:10-ENDO-

\( \alpha \beta \)-SUCCINATE

MOUSE SARCOMA NO. 100
TUMOUR SIZE (LENGTH + BREADTH) IN C.M.

TIME

0 5 10 15 20 DAYS

SODIUM - 1:2:5:8-
DIBENZANTHRACENE - 9:10-ENDO-
OF P-SUCCINATE.
MOUSE SARCOMATE NO. 82, 83.
1:2:5:6-DIBENZANTHRACENE

30 mg.

CHOLANTHRENE

RAT SARCOMA NO. XI

TUMOUR SIZE (LENGTH + BREADTH) IN CM

TIME IN DAYS
1:2:5:6 - DIBENZANTHRACENE

30 mg

CHOLANTHRENE
RAT SARCOMA no. VI

TUMOUR SIZE (LENGTH + BREADTH) IN CM

TIME IN DAYS
1:2:5:6 DIBENZACRIDINE

14 mg.

TUMOUR SIZE (LENGTH + BREADTH) IN C.M.

TIME IN DAYS.
3:4-BENZPYRENE

30 mg.

3:4-BENZPYRENE

30 mg.

CHOLANTHRENE

RAT SARCOMATA NOS. IX, B2.

TIME

0 5 10 15 DAYS
METHYLCHOLANTHRENE

30 mg.

METHYLCHOLANTHRENE

30 mg.

CHOLANTHRENE

RAT SARCOMATA NOS. III, VII

DAYS

TIME

TUMOUR SIZE (LENGTH + BREADTH) IN CM.
6:7-DIMETHYL-1:2-BENZANTHRACENE.

12 mg.

METHYLCHOLANTHRENE
MOUSE SARCOMA NO. H.12

TIME IN DAYS

TUMOUR SIZE (LENGTH + BREADTH) IN CM.
10-METHYL-1,2-BENZANTHRACENE

10 mg.

METHYLCHOLANTHRENE
MOUSE SARCOMA NO. H.14.
1:2:5:6
DIBENZANTHRACENE

25 mg 25 mg

METHYL
CHOLANTHRENE

25 mg 25 mg

CONTROL OIL
5 ml 5 ml

CHOLANTHRENE
METHYL

1ST GENERATION
TRANSPLANTS

RAT SARCOMA NO. V

TUMOUR SIZE (LENGTH + BREADTH) IN C.M.

10 9 8 7 6 5 4 3 2

0 5 10 15 20 DAYS

TIME
BACT. PARATYPHOSUM B (TIDY)
SECONDARY COLONY FORMATION ON
1% RAFFINOSE-agar at 35°C.

AGGREGATE DATA FOR
FIVE COLONIES.

△ MEAN DIAMETER
○ NUMBER OF
SECONDARY COLONIES.
BACT PARATYPHOSUM B (TIDY)
SECONDARY COLONY FORMATION ON
1% RAFFINOSE-AGAR AT 35°C

△: AREA OF PRIMARY COLONY.
○: NUMBER OF SECONDARY COLONIES.
□: TOTAL AREA OF SECONDARY COLONIES.

TIME IN HOURS
BACT. PARATYPHOSUM B (TIDY.)

RATE OF INCREASE IN AREA OF PRIMARY COLONY AND SECONDARY COLONIES ON 1% RAFFINOSE - AGAR AT 35° C.

(LEMON S FORMULA)

△: PRIMARY
○: SECONDARY