INDEX

```
                 SCREENING DATA SUMMARY                           S99    DATE: 83/09/02  NSC  999999
          DEVELOPMENTAL THERAPEUTICS PROGRAM                                                PAGE  14
             DIVISION OF CANCER TREATMENT                         1ST SCR  S.I.  R.C./DATE       PUB
    NATIONAL CANCER INSTITUTE, BETHESDA, MD  20205                   **
                 SYNTHETIC PRODUCTS

                                                                  ACQ  M.C./DATE   QNS    OTHER
                                                                       7A  790617
---CONTINUED----------------------------------------------------------------------------------------
 3LE31    TIS:1    LVL:5    RT:1   TRTMT SCHED:  Q01DX05  DAY 1ST INJ=  1    TOTAL INJ=  15
----------------------------------------------------------------------------------------------------
ABOVE SCHED REPEATED ON DAYS : 010,020                     1ST RX TIME = 13:15 HRS
----------------------------------------------------------------------------------------------------
SMPL  SCR   EXP #   DATEON    V  FED   TED    TXSUR    DOS/INJ/U    BWD     SOL   C/NT/TS   EVAL  T/C%
----------------------------------------------------------------------------------------------------
ND00   90   12345   830726   02  030   005   WD1/2: 1/  5       TSC:22P     SSC: L   SEX:M    CSC:1
 *     @017/04 018/01 019/01   KE=  4.43    06/06    200.00    -3.6     1  00 00 00   17.4   207
 *      006/01 015/03 017/02   KE=  2.57    06/06    100.00    -2.4     1  00 00 00   15.3   182
 *      013/01 014/03 015/02   KE=  1.68    06/06     50.00    -2.2     1  00 00 00   14.3   170
 *      012/01 013/01 014/04   KE=  1.33    06/06     25.00    -1.0     1  00 00 00   13.9   165
 *      012/03 014/02          KE=  0.09    05/05     12.50    -0.8     1  00 00 00   12.5   148
#### COMMENT: ONE ANIMAL MISSING - WEIGHTS ADJUSTED
 *      008/18 009/10 010/01             30/30   CNTRL     HOST:06     BWC=2.0         8.4
        011/01
#### COMMENT: RUN WITH 3LE31-12149

FOOTNOTE:

@ MORTALITY IS GIVEN AS DAY/DEATH COUNT (NOT SURVIVORS)

                                          SYN                     999999          17
```

80 Column Screening Data Summary Interpretations

1 Blank = Not new this run.
* = New this run.
C = Data modified this run by the DPC.
R = Packs revised by the Screener (these data affected).
S = Packs revised by the Screener (these data unaffected).

2 Death Pattern Data (DAY/DTHS) – Maximum of 3 entries per line; use multiple lines as necessary.

3 Log Cell Kill Reduction.

4 Designates data appearing on this and subsequent lines as applicable to Control (CNTRL) Group.

5 Host Code for all animals in the experiment (Test and Control).

6 BWD = Animal Body Weight Difference which is computed by subtracting the Control Group body weight change from the Test Group body weight change.

7 BWC = Body Weight Change calculated as final average body weight minus initial average body weight. This item is calculated for the Control Group only.

8 DATEON = Date the experiment was initiated. (YYMMDD)

9 SMPL = Compound Sample Number.

10 SCR = Screener Code.

11 V = Vehicle Code.

12 FED = Final Evaluation Day.

13 TED = Toxicity Evaluation Day.

14 TXSUR = Surviving animals/total animals on Toxicity Evaluation Day.

15 DOS/INJ/U Dose amount per injection, normally expressed as mg/kg of animal body weight/injection. Units other than mg/kg/inj are flagged with a "unit" code under the "U".

16 C/NT/TS = Cures(C)/No-Takes(NT)/Tumored Survivors (TS) as reported by the Screener.

*Varies by Test System.

17 "WD1/2: 1/ 5" = This item identifies initial (1) and final (2) animal weigh days. (In this example, the days are 1 and 5.)

18 "TSC:22P" = This item identifies the Test Status Code (TSC) and TSC suffix. P – Active Test, F – Inactive Test, or R – Erratic Test (unreliable data).

19 "SSC:L" = This item identifies any Special Study Code (SSC) associated with the test. (In this example, the SSC is "L".)

20 "CSC:1" = This item identifies the Control Status Code (CSC) associated with the experiment. (In this example, the CSC is "1".)

21 EVAL = The calculated value of the Test Group and/or Control Group evaluation based on the test system evaluation parameter.

22 T/C % = The test evaluation expressed as a percent of the control evaluation, providing a measure of effectiveness of the compound being tested. Survival systems indicate a degree of success when T/C percents exceed 125.* Tumor inhibition systems indicate a degree of success when the T/C percents do not exceed 42.* Minus values (only occurring for tumor inhibition systems) reflect the percent of tumor regression between initial and final tumor volume.

23 #### Comment = Indicates a Screener comment applicable to the data immediately preceeding the comment line.

24 3 L E 3 1 = Test System used
- 1 — Site of inoculum implant.
- 3 — Parameter of evaluation (i.e., 2 = mean survival time; 3 = median survival time; etc.).
- E — Tumor Code (LE = L1210 Leukemia).
- L — Animal Host Group (i.e., 3 = mice; 5 = rats; 7 = hamsters).

25 TIS:1 = Type of Tumor Inoculum.

26 LVL:5 = A one or two position field where the left-m position is a coded representation of the inoculum lev and the right-most position (if present) represents a m plier value.

27 RT:1 = Route of Administration for compound (or v being tested. See pg. 11

28 TRTMT SCHED = The treatment schedule followed i administering the compound being tested, taking the form: See pg. 9

Basic Schedule:

QNN H X PP (M / D)
- PP — Number of injections associated with basic schedule.
- X — "Times".
- H — Interval unit (M = minutes, H = hour D = days).
- QNN — Treatment interval (Q = every). Q15 every 15; Q03 = every 3; and Q04 = every 4.

DAY 1ST INJ = RR
- RR — First day basic schedule initiated.

TOTAL INJ = SS
- SS — Total injections to be administered.

ABOVE SCHED REPEATED ON DAYS:
TTT, TTT, TTT . . . TTT
- TTT, TTT, TTT . . . TTT — Each day the basic sche is to be re-initiated (if appropriate).

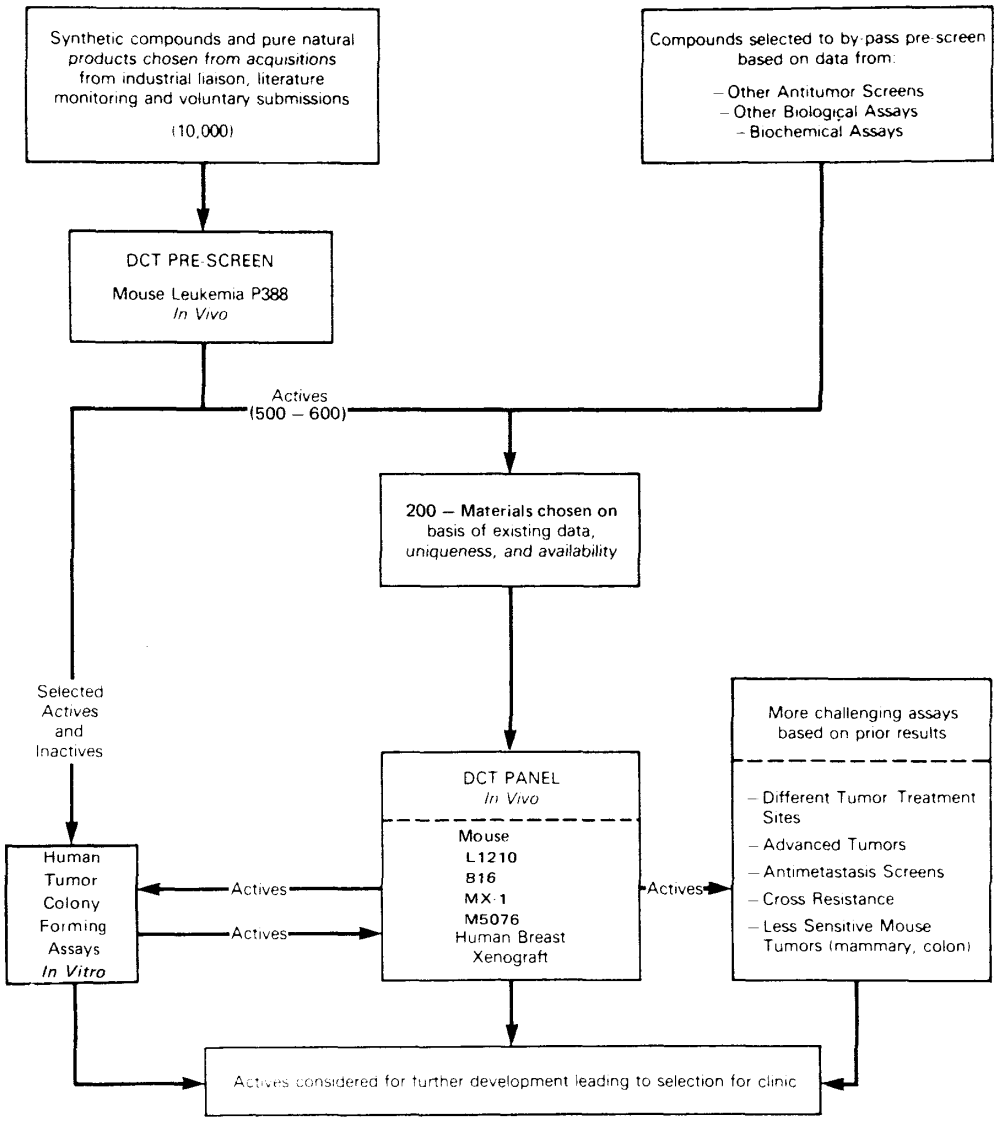
1ST RX TIME = 13:15 HRS
- 13:15 HRS — Time of 1st INJ (if pro in military time (13:15 1:15 PM).

29 Same Test System, Tissue, Level, Route, and Treatm Schedule as from Previous Page.

30 SOL = Compound Solubility .

31 Screener or Supplier number.

FLOW OF DRUGS THROUGH DCT SCREENS



ACTIVITY THRESHOLDS OF COMMON SYSTEMS

MODEL	CODE	DRUG RT/SCHED	PARAMETER	ACTIVE T/C% MC1	DN2
PRESCREEN					
IP P388 LEUKEMIA	3PS31	IP/Q1DX5	MED SURVIVAL TIME	⩾ 127	⩾ 175
			CONFIRMING TEST	⩾ 120	⩾ 175
TRANSPLANTED MOUSE TUMORS					
*IP B16 MELANOMA	3B131	IP/Q1DX9	MED SURVIVAL TIME	⩾ 125	⩾ 150
SC B16 MELANOMA	3B132	IP/Q1DX9	MED SURVIVAL TIME	⩾ 140	⩾ 150
SC CD8F1 MAMMARY	3CDJ2	IP/Q1DX1	MED TUMOR WT CHANGE	⩽ 20	⩽ 0
SC COLON 38	3C872	IP/Q7DX2	MED TUMOR WT	⩽ 42	⩽ 10
*IP L1210 LEUKEMIA	3LE31	IP/Q1DX9	MED SURVIVAL TIME	⩾ 125	⩾ 150
*IP M5 SARCOMA	3M531	IP/Q4DX4	MED SURVIVAL TIME	⩾ 125	⩾ 150
HUMAN TUMOR XENOGRAFTS					
SRC CX-1 COLON	3C2G5	IP/Q4DX4	MEAN TUMOR WT CHANGE	⩽ 20	⩽ 10
SC CX-1 COLON	3C2H2	IP/Q4DX3	MEAN TUMOR WT CHANGE	⩽ 20	⩽ 10
SRC LX-1 LUNG	3LKG5	IP/Q4DX3	MEAN TUMOR WT CHANGE	⩽ 20	⩽ 10
SC LX-1 LUNG	3LKH2	IP/Q4DX3	MEAN TUMOR WT CHANGE	⩽ 20	⩽ 10
*SRC MX-1 MAMMARY	3MBG5	IP/Q4DX3	MEAN TUMOR WT CHANGE	⩽ 20	⩽ 10
SC MX-1 MAMMARY	3MBH2	IP/Q4DX3	MEAN TUMOR WT CHANGE	⩽ 20	⩽ 10

* DEB TUMOR PANEL

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