

Experiment Number: 20601 - 04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
Time Report Requested: 13:46:36
First Dose M/F: 10/06/08 / 10/06/08
Lab: BNW

F2_M3

NTP Study Number: C20601
Lock Date: 06/22/2011
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: 12/09/2014

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HISTORICAL CONTROL STUDIES
From July 2015 report

SAME ROUTE

60311-06 -- Cobalt (INHALATION AIR)
20515-04 -- Metal Working Fluids: CIMSTAR 3800 (INHALATION AIR)
20523-04 -- Metal Working Fluids: TRIM® VX (INHALATION AIR)
20303-06 -- Vinylidene Chloride (INHALATION AIR)

ALL ROUTES

60311-06 -- Cobalt (INHALATION AIR)
99031-04 -- Ginkgo biloba extract (GAVAGE CORN OIL)
20203-04 -- Green Tea Extract (GAVAGE WATER)
20006-04 -- Indole-3-carbinol (GAVAGE CORN OIL)
20515-04 -- Metal Working Fluids: CIMSTAR 3800 (INHALATION AIR)
20523-04 -- Metal Working Fluids: TRIM® VX (INHALATION AIR)
20209-04 -- Pentabromodiphenyl Oxide (Technical) (DE 71) (GAVAGE CORN OIL)
20320-04 -- Tetrabromobisphenol A (GAVAGE CORN OIL)
20303-06 -- Vinylidene Chloride (INHALATION AIR)
96014-06 -- Water disinfection byproducts (Bromodichloroacetic Acid) (ORAL WATER)

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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Cortex

Adrenal Medulla

Heart

Liver

Lung

Ovary

Pituitary Gland

Spleen

Thyroid Gland

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF ANTIMONY TRIOXIDE

MALE MICE

Organ

Adrenal Cortex
Liver

Lung

Skin

All Organs

Morphology

Adenoma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hepatocellular Carcinoma or Hepatoblastoma
Alveolar/Bronchiolar Carcinoma
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma
Fibrous Histiocytoma
Malignant Tumors
Malignant and Benign Tumors

FEMALE MICE

Organ

Adrenal Medulla
Harderian Gland
Liver

Lung

Pituitary Gland: Pars Distalis or Unspecified Site

Skin

All Organs

Morphology

Pheochromocytoma Benign
Pheochromocytoma: Benign, Complex, Malignant, NOS
Carcinoma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hepatocellular Carcinoma or Hepatoblastoma
Hepatocellular Carcinoma or Hepatocellular Adenoma
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Adenoma
Carcinoma or Adenoma
Squamous Cell Carcinoma
Hemangioma
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type
Benign Tumors
Malignant Tumors

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF ANTIMONY TRIOXIDE

Malignant and Benign Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	4/59 (7%)	1/60 (2%)	3/59 (5%)	0/59 (0%)
POLY-3 RATE (b)	4/47.36	1/41.67	3/42.13	0/37.97
POLY-3 PERCENT (g)	8.5%	2.4%	7.1%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	3/38 (8%)	1/30 (3%)	2/27 (7%)	0/17 (0%)
FIRST INCIDENCE	702	729 (T)	666	---
HC TUMORS SAME ROUTE	14/199 (7%)			
HC TUMORS ALL ROUTES	19/498 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.122N	P=0.220N	P=0.564N	P=0.094N
POLY 1.5	P=0.107N	P=0.203N	P=0.537N	P=0.077N
POLY 6	P=0.153N	P=0.236N	P=0.594N	P=0.124N
COCH-ARM / FISHERS	P=0.098N	P=0.177N	P=0.500N	P=0.059N
MAX-ISO-POLY-3	P=0.080N	P=0.124N	P=0.411N	P=0.048N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	P=1.000	P=1.000	P=0.381	P=1.000
CURR VS HC SAME RTE	P=0.906			
CURR VS HC ALL RTEs	P=0.276			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla				
Pheochromocytoma Benign				
TUMOR RATES				
OVERALL (a)	0/59 (0%)	0/60 (0%)	1/56 (2%)	0/59 (0%)
POLY-3 RATE (b)	0/47.25	0/41.67	1/40.01	0/37.97
POLY-3 PERCENT (g)	0%	0%	2.5%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	0/30 (0%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
HC TUMORS SAME ROUTE	2/198 (1%)			
HC TUMORS ALL ROUTES	3/497 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	0/59 (0%)	0/60 (0%)	1/56 (2%)	0/59 (0%)
POLY-3 RATE (b)	0/47.25	0/41.67	1/40.01	0/37.97
POLY-3 PERCENT (g)	0%	0%	2.5%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	0/30 (0%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
HC TUMORS SAME ROUTE	3/198 (2%)			
HC TUMORS ALL ROUTES	4/497 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	6/60 (10%)	6/60 (10%)	4/60 (7%)	3/60 (5%)
POLY-3 RATE (b)	6/47.84	6/42.41	4/41.93	3/39.46
POLY-3 PERCENT (g)	12.5%	14.2%	9.5%	7.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	5/38 (13%)	4/30 (13%)	4/27 (15%)	1/17 (6%)
FIRST INCIDENCE	663	514	729 (T)	536
HC TUMORS SAME ROUTE	24/200 (12%)			
HC TUMORS ALL ROUTES	59/500 (12%)			
STATISTICAL TESTS				
POLY 3	P=0.239N	P=0.534	P=0.455N	P=0.345N
POLY 1.5	P=0.202N	P=0.563	P=0.421N	P=0.295N
POLY 6	P=0.306N	P=0.509	P=0.495N	P=0.424N
COCH-ARM / FISHERS	P=0.173N	P=0.619N	P=0.372N	P=0.245N
MAX-ISO-POLY-3	P=0.358N	P=0.414	P=0.336N	P=0.247N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTEs	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.900			
CURR VS HC ALL RTEs	P=0.854			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	1/47.80	1/41.67	1/42.44	1/38.65
POLY-3 PERCENT (g)	2.1%	2.4%	2.4%	2.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	677	729 (T)	576	729 (T)
HC TUMORS SAME ROUTE	9/200 (5%)			
HC TUMORS ALL ROUTES	16/500 (3%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/60 (12%)	7/60 (12%)	5/60 (8%)	4/60 (7%)
POLY-3 RATE (b)	7/48.04	7/42.41	5/42.44	4/39.46
POLY-3 PERCENT (g)	14.6%	16.5%	11.8%	10.1%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	5/38 (13%)	5/30 (17%)	4/27 (15%)	2/17 (12%)
FIRST INCIDENCE	663	514	576	536
HC TUMORS SAME ROUTE	33/200 (17%)			
HC TUMORS ALL ROUTES	75/500 (15%)			
STATISTICAL TESTS				
POLY 3	P=0.276N	P=0.515	P=0.468N	P=0.384N
POLY 1.5	P=0.230N	P=0.548	P=0.434N	P=0.324N
POLY 6	P=0.357N	P=0.484	P=0.510N	P=0.477N
COCH-ARM / FISHERS	P=0.194N	P=0.611N	P=0.381N	P=0.264N
MAX-ISO-POLY-3	P=0.407N	P=0.404	P=0.356N	P=0.287N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.580			
CURR VS HC ALL RTEs	P=0.660			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/60 (0%)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/47.60	0/41.67	2/42.79	0/38.65
POLY-3 PERCENT (g)	0%	0%	4.7%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	509	---
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	1/500 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.699	(e)	P=0.214	(e)
POLY 1.5	P=0.718N	(e)	P=0.223	(e)
POLY 6	P=0.633	(e)	P=0.205	(e)
COCH-ARM / FISHERS	P=0.693N	(e)	P=0.248	(e)
MAX-ISO-POLY-3	P=0.275	(e)	P=0.076	(e)
HISTCONT SAME RTE	P=0.357	(e)	P=0.087	(e)
HISTCONT ALL RTES	P=0.191	(e)	P=0.006**	(e)
CURR VS HC SAME RTE	P=0.604			
CURR VS HC ALL RTES	P=0.622			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Large: Cecum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/47.60	2/41.67	0/41.93	0/38.65
POLY-3 PERCENT (g)	0%	4.8%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	2/30 (7%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	0/500 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.404N	P=0.209	(e)	(e)
POLY 1.5	P=0.385N	P=0.218	(e)	(e)
POLY 6	P=0.426N	P=0.201	(e)	(e)
COCH-ARM / FISHERS	P=0.359N	P=0.248	(e)	(e)
MAX-ISO-POLY-3	P=0.310N	P=0.076	(e)	(e)
HISTCONT SAME RTE	P=0.424	P=0.052	(e)	(e)
HISTCONT ALL RTES	P=0.293	P=0.002**	(e)	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Duodenum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	2/47.60	0/41.67	0/41.93	0/38.65
POLY-3 PERCENT (g)	4.2%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
HC TUMORS SAME ROUTE	4/200 (2%)			
HC TUMORS ALL ROUTES	7/500 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.241N	P=0.268N	P=0.266N	P=0.286N
POLY 1.5	P=0.245N	P=0.257N	P=0.255N	P=0.263N
POLY 6	P=0.240N	P=0.278N	P=0.280N	P=0.324N
COCH-ARM / FISHERS	P=0.258N	P=0.248N	P=0.248N	P=0.248N
MAX-ISO-POLY-3	P=0.082N	P=0.105N	P=0.104N	P=0.123N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.495			
CURR VS HC ALL RTEs	P=0.234			

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 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Site Unspecified Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	1/60 (2%)	0/60 (0%)
POLY-3 RATE (b)	2/47.60	0/41.67	1/41.93	0/38.65
POLY-3 PERCENT (g)	4.2%	0%	2.4%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	2/38 (5%)	0/30 (0%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
HC TUMORS SAME ROUTE	6/200 (3%)			
HC TUMORS ALL ROUTES	11/500 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.293N	P=0.268N	P=0.544N	P=0.286N
POLY 1.5	P=0.283N	P=0.257N	P=0.527N	P=0.263N
POLY 6	P=0.312N	P=0.278N	P=0.564N	P=0.324N
COCH-ARM / FISHERS	P=0.282N	P=0.248N	P=0.500N	P=0.248N
MAX-ISO-POLY-3	P=0.148N	P=0.105N	P=0.328N	P=0.123N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.783			
CURR VS HC ALL RTEs	P=0.524			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Site Unspecified Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/60 (5%)	1/60 (2%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	3/47.70	1/42.54	1/41.93	1/38.65
POLY-3 PERCENT (g)	6.3%	2.4%	2.4%	2.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	2/38 (5%)	0/30 (0%)	1/27 (4%)	1/17 (6%)
FIRST INCIDENCE	702	365	729 (T)	729 (T)
HC TUMORS SAME ROUTE	6/200 (3%)			
HC TUMORS ALL ROUTES	17/500 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.385N	P=0.347N	P=0.353N	P=0.384N
POLY 1.5	P=0.366N	P=0.333N	P=0.334N	P=0.346N
POLY 6	P=0.417N	P=0.361N	P=0.375N	P=0.442N
COCH-ARM / FISHERS	P=0.353N	P=0.309N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.312N	P=0.197N	P=0.202N	P=0.233N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.345			
CURR VS HC ALL RTES	P=0.454			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	2/60 (3%)	1/60 (2%)	0/59 (0%)	4/60 (7%)
POLY-3 RATE (b)	2/47.60	1/42.10	0/41.89	4/40.18
POLY-3 PERCENT (g)	4.2%	2.4%	0%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/27 (0%)	1/17 (6%)
FIRST INCIDENCE	729 (T)	604	---	554
HC TUMORS SAME ROUTE	3/200 (2%)			
HC TUMORS ALL ROUTES	18/500 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.089	P=0.543N	P=0.267N	P=0.262
POLY 1.5	P=0.097	P=0.529N	P=0.256N	P=0.297
POLY 6	P=0.077	P=0.554N	P=0.280N	P=0.218
COCH-ARM / FISHERS	P=0.105	P=0.500N	P=0.252N	P=0.340
MAX-ISO-POLY-3	P=0.074	P=0.326N	P=0.103N	P=0.164
HISTCONT SAME RTE	P=0.057	P=1.000	P=1.000	P=0.046*
HISTCONT ALL RTES	P=0.138	P=1.000	P=1.000	P=0.076
CURR VS HC SAME RTE	P=0.334			
CURR VS HC ALL RTES	P=0.990			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	33/60 (55%)	33/60 (55%)	39/59 (66%)	38/60 (63%)
POLY-3 RATE (b)	33/51.66	33/48.07	39/48.76	38/48.80
POLY-3 PERCENT (g)	63.9%	68.7%	80%	77.9%
INT SACRIFICE 1	3/10 (30%)	2/10 (20%)	3/10 (30%)	5/10 (50%)
TERMINAL (d)	25/38 (66%)	21/30 (70%)	24/27 (89%)	14/17 (82%)
FIRST INCIDENCE	367 (I)	365	279	367 (I)
HC TUMORS SAME ROUTE	112/200 (56%)			
HC TUMORS ALL ROUTES	298/500 (60%)			
STATISTICAL TESTS				
POLY 3	P=0.070	P=0.381	P=0.046*	P=0.077
POLY 1.5	P=0.125	P=0.437	P=0.075	P=0.137
POLY 6	P=0.024*	P=0.340	P=0.026*	P=0.029*
COCH-ARM / FISHERS	P=0.182	P=0.573N	P=0.147	P=0.229
MAX-ISO-POLY-3	P=0.059	P=0.306	P=0.030*	P=0.053
HISTCONT SAME RTE	P=0.081	P=0.216	P=0.060	P=0.075
HISTCONT ALL RTEs	P=0.103	P=0.383	P=0.070	P=0.103
CURR VS HC SAME RTE	P=0.583			
CURR VS HC ALL RTEs	P=0.898			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	16/60 (27%)	24/60 (40%)	15/59 (25%)	22/60 (37%)
POLY-3 RATE (b)	16/50.90	24/47.74	15/44.33	22/45.91
POLY-3 PERCENT (g)	31.4%	50.3%	33.8%	47.9%
INT SACRIFICE 1	1/10 (10%)	1/10 (10%)	1/10 (10%)	2/10 (20%)
TERMINAL (d)	9/38 (24%)	12/30 (40%)	7/27 (26%)	7/17 (41%)
FIRST INCIDENCE	367 (I)	365	367 (I)	367 (I)
HC TUMORS SAME ROUTE	83/200 (42%)			
HC TUMORS ALL ROUTES	173/500 (35%)			
STATISTICAL TESTS				
POLY 3	P=0.178	P=0.041*	P=0.488	P=0.069
POLY 1.5	P=0.241	P=0.051	P=0.553	P=0.105
POLY 6	P=0.103	P=0.034*	P=0.414	P=0.034*
COCH-ARM / FISHERS	P=0.309	P=0.087	P=0.522N	P=0.163
MAX-ISO-POLY-3	P=0.084	P=0.029*	P=0.405	P=0.052
HISTCONT SAME RTE	P=0.580	P=0.297	P=1.000	P=0.373
HISTCONT ALL RTES	P=0.338	P=0.103	P=1.000	P=0.165
CURR VS HC SAME RTE	P=0.248			
CURR VS HC ALL RTES	P=0.431			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	17/60 (28%)	25/60 (42%)	15/59 (25%)	23/60 (38%)
POLY-3 RATE (b)	17/50.90	25/48.17	15/44.33	23/45.91
POLY-3 PERCENT (g)	33.4%	51.9%	33.8%	50.1%
INT SACRIFICE 1	1/10 (10%)	1/10 (10%)	1/10 (10%)	2/10 (20%)
TERMINAL (d)	10/38 (26%)	12/30 (40%)	7/27 (26%)	8/17 (47%)
FIRST INCIDENCE	367 (I)	365	367 (I)	367 (I)
HC TUMORS SAME ROUTE	86/200 (43%)			
HC TUMORS ALL ROUTES	187/500 (37%)			
STATISTICAL TESTS				
POLY 3	P=0.170	P=0.045*	P=0.569	P=0.067
POLY 1.5	P=0.235	P=0.054	P=0.537N	P=0.105
POLY 6	P=0.095	P=0.039*	P=0.493	P=0.032*
COCH-ARM / FISHERS	P=0.307	P=0.090	P=0.440N	P=0.166
MAX-ISO-POLY-3	P=0.081	P=0.032*	P=0.482	P=0.051
HISTCONT SAME RTE	P=0.568	P=0.309	P=1.000	P=0.365
HISTCONT ALL RTEs	P=0.388	P=0.128	P=1.000	P=0.185
CURR VS HC SAME RTE	P=0.285			
CURR VS HC ALL RTEs	P=0.362			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	42/60 (70%)	41/60 (68%)	44/59 (75%)	44/60 (73%)
POLY-3 RATE (b)	42/53.48	41/50.54	44/50.40	44/51.33
POLY-3 PERCENT (g)	78.5%	81.1%	87.3%	85.7%
INT SACRIFICE 1	3/10 (30%)	3/10 (30%)	4/10 (40%)	5/10 (50%)
TERMINAL (d)	30/38 (79%)	23/30 (77%)	25/27 (93%)	14/17 (82%)
FIRST INCIDENCE	367 (I)	365	279	367 (I)
HC TUMORS SAME ROUTE	148/200 (74%)			
HC TUMORS ALL ROUTES	374/500 (75%)			
STATISTICAL TESTS				
POLY 3	P=0.201	P=0.465	P=0.158	P=0.223
POLY 1.5	P=0.285	P=0.525	P=0.240	P=0.318
POLY 6	P=0.106	P=0.419	P=0.086	P=0.125
COCH-ARM / FISHERS	P=0.338	P=0.500N	P=0.362	P=0.420
MAX-ISO-POLY-3	P=0.195	P=0.368	P=0.105	P=0.154
HISTCONT SAME RTE	P=0.162	P=0.281	P=0.119	P=0.146
HISTCONT ALL RTEs	P=0.165	P=0.380	P=0.112	P=0.158
CURR VS HC SAME RTE	P=0.655			
CURR VS HC ALL RTEs	P=0.949			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	42/60 (70%)	42/60 (70%)	44/59 (75%)	44/60 (73%)
POLY-3 RATE (b)	42/53.48	42/50.98	44/50.40	44/51.33
POLY-3 PERCENT (g)	78.5%	82.4%	87.3%	85.7%
INT SACRIFICE 1	3/10 (30%)	3/10 (30%)	4/10 (40%)	5/10 (50%)
TERMINAL (d)	30/38 (79%)	23/30 (77%)	25/27 (93%)	14/17 (82%)
FIRST INCIDENCE	367 (I)	365	279	367 (I)
HC TUMORS SAME ROUTE	150/200 (75%)			
HC TUMORS ALL ROUTES	377/500 (75%)			
STATISTICAL TESTS				
POLY 3	P=0.225	P=0.397	P=0.158	P=0.223
POLY 1.5	P=0.318	P=0.445	P=0.240	P=0.318
POLY 6	P=0.117	P=0.372	P=0.086	P=0.125
COCH-ARM / FISHERS	P=0.374	P=0.579N	P=0.362	P=0.420
MAX-ISO-POLY-3	P=0.192	P=0.306	P=0.105	P=0.154
HISTCONT SAME RTE	P=0.220	P=0.286	P=0.152	P=0.185
HISTCONT ALL RTES	P=0.206	P=0.345	P=0.136	P=0.187
CURR VS HC SAME RTE	P=0.751			
CURR VS HC ALL RTES	P=0.970			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocholangiocarcinoma				
TUMOR RATES				
OVERALL (a)	1/60 (2%)	0/60 (0%)	0/59 (0%)	0/60 (0%)
POLY-3 RATE (b)	1/47.85	0/41.67	0/41.89	0/38.65
POLY-3 PERCENT (g)	2.1%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	662	---	---	---
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	1/500 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	10/60 (17%)	14/60 (23%)	11/60 (18%)	14/60 (23%)
POLY-3 RATE (b)	10/47.70	14/43.80	11/44.37	14/41.69
POLY-3 PERCENT (g)	21%	32%	24.8%	33.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
TERMINAL (d)	9/38 (24%)	7/30 (23%)	6/27 (22%)	4/17 (24%)
FIRST INCIDENCE	702	449	367 (I)	530
HC TUMORS SAME ROUTE	25/200 (13%)			
HC TUMORS ALL ROUTES	73/500 (15%)			
STATISTICAL TESTS				
POLY 3	P=0.197	P=0.167	P=0.425	P=0.132
POLY 1.5	P=0.254	P=0.188	P=0.454	P=0.178
POLY 6	P=0.130	P=0.158	P=0.390	P=0.084
COCH-ARM / FISHERS	P=0.320	P=0.247	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.166	P=0.124	P=0.335	P=0.100
HISTCONT SAME RTE	P=0.040*	P=0.017*	P=0.028*	P=0.017*
HISTCONT ALL RTEs	P=0.029*	P=0.017*	P=0.116	P=0.014*
CURR VS HC SAME RTE	P=0.199			
CURR VS HC ALL RTEs	P=0.482			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	4/60 (7%)	18/60 (30%)	21/60 (35%)	29/60 (48%)
POLY-3 RATE (b)	4/48.51	18/45.31	21/45.47	29/45.99
POLY-3 PERCENT (g)	8.3%	39.7%	46.2%	63.1%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)
TERMINAL (d)	2/38 (5%)	9/30 (30%)	11/27 (41%)	12/17 (71%)
FIRST INCIDENCE	590	449	367 (I)	367 (I)
HC TUMORS SAME ROUTE	38/200 (19%)			
HC TUMORS ALL ROUTES	71/500 (14%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.008**	P=0.015*	P=0.012*	P=0.007**
HISTCONT ALL RTES	P<0.001**	P=0.002**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.038*			
CURR VS HC ALL RTES	P=0.163			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

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 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	13/60 (22%)	29/60 (48%)	31/60 (52%)	36/60 (60%)
POLY-3 RATE (b)	13/48.62	29/46.26	31/47.91	36/48.20
POLY-3 PERCENT (g)	26.7%	62.7%	64.7%	74.7%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	3/10 (30%)	2/10 (20%)
TERMINAL (d)	10/38 (26%)	16/30 (53%)	16/27 (59%)	12/17 (71%)
FIRST INCIDENCE	590	449	367 (I)	367 (I)
HC TUMORS SAME ROUTE	56/200 (28%)			
HC TUMORS ALL ROUTES	134/500 (27%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.002**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.014*	P=0.009**	P=0.008**	P=0.006**
HISTCONT ALL RTEs	P<0.001**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.614			
CURR VS HC ALL RTEs	P=0.628			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/47.60	0/41.67	0/41.93	0/38.65
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	0/500 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	0/59 (0%)	0/59 (0%)	2/58 (3%)	0/59 (0%)
POLY-3 RATE (b)	0/47.25	0/40.95	2/40.89	0/38.52
POLY-3 PERCENT (g)	0%	0%	4.9%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
TERMINAL (d)	0/38 (0%)	0/30 (0%)	2/26 (8%)	0/17 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
HC TUMORS SAME ROUTE	1/196 (1%)			
HC TUMORS ALL ROUTES	2/491 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.702	(e)	P=0.206	(e)
POLY 1.5	P=0.716N	(e)	P=0.217	(e)
POLY 6	P=0.638	(e)	P=0.194	(e)
COCH-ARM / FISHERS	P=0.693N	(e)	P=0.244	(e)
MAX-ISO-POLY-3	P=0.267	(e)	P=0.074	(e)
HISTCONT SAME RTE	P=0.357	(e)	P=0.088	(e)
HISTCONT ALL RTES	P=0.246	(e)	P=0.012*	(e)
CURR VS HC SAME RTE	P=0.599			
CURR VS HC ALL RTES	P=0.610			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/59 (0%)	0/59 (0%)	2/58 (3%)	0/59 (0%)
POLY-3 RATE (b)	0/47.25	0/40.95	2/40.89	0/38.52
POLY-3 PERCENT (g)	0%	0%	4.9%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
TERMINAL (d)	0/38 (0%)	0/30 (0%)	2/26 (8%)	0/17 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
HC TUMORS SAME ROUTE	1/196 (1%)			
HC TUMORS ALL ROUTES	2/491 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.702	(e)	P=0.206	(e)
POLY 1.5	P=0.716N	(e)	P=0.217	(e)
POLY 6	P=0.638	(e)	P=0.194	(e)
COCH-ARM / FISHERS	P=0.693N	(e)	P=0.244	(e)
MAX-ISO-POLY-3	P=0.267	(e)	P=0.074	(e)
HISTCONT SAME RTE	P=0.357	(e)	P=0.088	(e)
HISTCONT ALL RTES	P=0.246	(e)	P=0.012*	(e)
CURR VS HC SAME RTE	P=0.599			
CURR VS HC ALL RTES	P=0.610			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	3/60 (5%)	4/60 (7%)
POLY-3 RATE (b)	0/47.60	1/41.67	3/42.67	4/39.20
POLY-3 PERCENT (g)	0%	2.4%	7%	10.2%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	1/30 (3%)	2/27 (7%)	2/17 (12%)
FIRST INCIDENCE	---	729 (T)	468	612
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	5/500 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.024*	P=0.474	P=0.100	P=0.040*
POLY 1.5	P=0.031*	P=0.482	P=0.107	P=0.049*
POLY 6	P=0.016*	P=0.466	P=0.093	P=0.030*
COCH-ARM / FISHERS	P=0.041*	P=0.500	P=0.122	P=0.059
MAX-ISO-POLY-3	P=0.032*	P=0.158	P=0.038*	P=0.019*
HISTCONT SAME RTE	P=0.020*	P=1.000	P=0.052	P=0.033*
HISTCONT ALL RTES	P=0.002**	P=1.000	P=0.006**	P=0.002**
CURR VS HC SAME RTE	P=0.480			
CURR VS HC ALL RTES	P=0.488			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/47.60	0/41.67	2/42.67	0/38.65
POLY-3 PERCENT (g)	0%	0%	4.7%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	0/30 (0%)	1/27 (4%)	0/17 (0%)
FIRST INCIDENCE	---	---	468	---
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	2/500 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.699	(e)	P=0.214	(e)
POLY 1.5	P=0.718N	(e)	P=0.223	(e)
POLY 6	P=0.634	(e)	P=0.204	(e)
COCH-ARM / FISHERS	P=0.693N	(e)	P=0.248	(e)
MAX-ISO-POLY-3	P=0.274	(e)	P=0.076	(e)
HISTCONT SAME RTE	P=0.360	(e)	P=0.089	(e)
HISTCONT ALL RTES	P=0.254	(e)	P=0.014*	(e)
CURR VS HC SAME RTE	P=0.591			
CURR VS HC ALL RTES	P=0.607			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	3/60 (5%)	4/60 (7%)
POLY-3 RATE (b)	0/47.60	1/41.67	3/42.67	4/39.20
POLY-3 PERCENT (g)	0%	2.4%	7%	10.2%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	1/30 (3%)	2/27 (7%)	2/17 (12%)
FIRST INCIDENCE	---	729 (T)	468	612
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	5/500 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.024*	P=0.474	P=0.100	P=0.040*
POLY 1.5	P=0.031*	P=0.482	P=0.107	P=0.049*
POLY 6	P=0.016*	P=0.466	P=0.093	P=0.030*
COCH-ARM / FISHERS	P=0.041*	P=0.500	P=0.122	P=0.059
MAX-ISO-POLY-3	P=0.032*	P=0.158	P=0.038*	P=0.019*
HISTCONT SAME RTE	P=0.020*	P=1.000	P=0.052	P=0.033*
HISTCONT ALL RTEs	P=0.002**	P=1.000	P=0.006**	P=0.002**
CURR VS HC SAME RTE	P=0.480			
CURR VS HC ALL RTEs	P=0.488			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	1/60 (2%)	4/60 (7%)
POLY-3 RATE (b)	0/47.60	1/41.67	1/41.93	4/39.20
POLY-3 PERCENT (g)	0%	2.4%	2.4%	10.2%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	1/30 (3%)	1/27 (4%)	2/17 (12%)
FIRST INCIDENCE	---	729 (T)	729 (T)	612
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	2/500 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.012*	P=0.474	P=0.475	P=0.040*
POLY 1.5	P=0.015*	P=0.482	P=0.484	P=0.049*
POLY 6	P=0.009**	P=0.466	P=0.464	P=0.030*
COCH-ARM / FISHERS	P=0.020*	P=0.500	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.014*	P=0.158	P=0.158	P=0.019*
HISTCONT SAME RTE	P=0.019*	P=0.384	P=0.385	P=0.029*
HISTCONT ALL RTES	P<0.001**	P=0.259	P=0.261	P<0.001**
CURR VS HC SAME RTE	P=0.587			
CURR VS HC ALL RTES	P=0.608			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Squamous Cell Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/47.60	0/41.67	0/41.93	0/38.65
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	0/500 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Spleen Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	2/59 (3%)	0/60 (0%)	1/60 (2%)	0/60 (0%)
POLY-3 RATE (b)	2/47.25	0/41.67	1/42.59	0/38.65
POLY-3 PERCENT (g)	4.2%	0%	2.4%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	729 (T)	---	509	---
HC TUMORS SAME ROUTE	5/199 (3%)			
HC TUMORS ALL ROUTES	12/499 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.290N	P=0.266N	P=0.536N	P=0.285N
POLY 1.5	P=0.281N	P=0.255N	P=0.520N	P=0.260N
POLY 6	P=0.309N	P=0.277N	P=0.555N	P=0.323N
COCH-ARM / FISHERS	P=0.280N	P=0.244N	P=0.494N	P=0.244N
MAX-ISO-POLY-3	P=0.146N	P=0.104N	P=0.320N	P=0.122N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.637			
CURR VS HC ALL RTEs	P=0.587			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: Follicular Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/59 (0%)	0/59 (0%)	2/58 (3%)	0/59 (0%)
POLY-3 RATE (b)	0/47.25	0/41.39	2/41.00	0/37.86
POLY-3 PERCENT (g)	0%	0%	4.9%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	0/30 (0%)	2/27 (7%)	0/17 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
HC TUMORS SAME ROUTE	0/199 (0%)			
HC TUMORS ALL ROUTES	3/498 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.692	(e)	P=0.207	(e)
POLY 1.5	P=0.720N	(e)	P=0.218	(e)
POLY 6	P=0.626	(e)	P=0.195	(e)
COCH-ARM / FISHERS	P=0.693N	(e)	P=0.244	(e)
MAX-ISO-POLY-3	P=0.271	(e)	P=0.074	(e)
HISTCONT SAME RTE	P=0.266	(e)	P=0.051	(e)
HISTCONT ALL RTES	P=0.310	(e)	P=0.023*	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.596			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/47.60	2/41.95	0/41.93	1/39.34
POLY-3 PERCENT (g)	0%	4.8%	0%	2.5%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/27 (0%)	0/17 (0%)
FIRST INCIDENCE	---	651	---	490
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	6/500 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.574	P=0.210	(e)	P=0.462
POLY 1.5	P=0.601	P=0.219	(e)	P=0.480
POLY 6	P=0.534	P=0.203	(e)	P=0.436
COCH-ARM / FISHERS	P=0.633	P=0.248	(e)	P=0.500
MAX-ISO-POLY-3	P=0.334	P=0.076	(e)	P=0.158
HISTCONT SAME RTE	P=0.465	P=0.128	(e)	P=1.000
HISTCONT ALL RTES	P=0.545	P=0.124	(e)	P=1.000
CURR VS HC SAME RTE	P=0.489			
CURR VS HC ALL RTES	P=0.474			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/60 (3%)	1/60 (2%)	3/60 (5%)	1/60 (2%)
POLY-3 RATE (b)	2/47.60	1/41.67	3/42.79	1/38.65
POLY-3 PERCENT (g)	4.2%	2.4%	7%	2.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	2/38 (5%)	1/30 (3%)	1/27 (4%)	1/17 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	509	729 (T)
HC TUMORS SAME ROUTE	10/200 (5%)			
HC TUMORS ALL ROUTES	35/500 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.540N	P=0.546N	P=0.452	P=0.572N
POLY 1.5	P=0.503N	P=0.531N	P=0.470	P=0.538N
POLY 6	P=0.598N	P=0.560N	P=0.432	P=0.619N
COCH-ARM / FISHERS	P=0.473N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.539N	P=0.330N	P=0.291	P=0.356N
HISTCONT SAME RTE	P=0.776	P=1.000	P=0.491	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.788			
CURR VS HC ALL RTES	P=0.391			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/60 (3%)	3/60 (5%)	3/60 (5%)	2/60 (3%)
POLY-3 RATE (b)	2/47.60	3/41.95	3/42.79	2/39.34
POLY-3 PERCENT (g)	4.2%	7.2%	7%	5.1%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	2/38 (5%)	2/30 (7%)	1/27 (4%)	1/17 (6%)
FIRST INCIDENCE	729 (T)	651	509	490
HC TUMORS SAME ROUTE	12/200 (6%)			
HC TUMORS ALL ROUTES	41/500 (8%)			
STATISTICAL TESTS				
POLY 3	P=0.593N	P=0.443	P=0.452	P=0.623
POLY 1.5	P=0.552N	P=0.462	P=0.470	P=0.657
POLY 6	P=0.547	P=0.428	P=0.432	P=0.571
COCH-ARM / FISHERS	P=0.513N	P=0.500	P=0.500	P=0.691N
MAX-ISO-POLY-3	P=0.543	P=0.286	P=0.291	P=0.428
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.620			
CURR VS HC ALL RTEs	P=0.267			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	3/60 (5%)	1/60 (2%)
POLY-3 RATE (b)	1/47.84	1/41.67	3/42.48	1/38.65
POLY-3 PERCENT (g)	2.1%	2.4%	7.1%	2.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/38 (0%)	1/30 (3%)	1/27 (4%)	1/17 (6%)
FIRST INCIDENCE	663	729 (T)	639	729 (T)
HC TUMORS SAME ROUTE	4/200 (2%)			
HC TUMORS ALL ROUTES	8/500 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.577	P=0.729	P=0.264	P=0.711
POLY 1.5	P=0.623	P=0.740	P=0.279	P=0.735
POLY 6	P=0.501	P=0.719	P=0.248	P=0.673
COCH-ARM / FISHERS	P=0.616N	P=0.752N	P=0.309	P=0.752N
MAX-ISO-POLY-3	P=0.420	P=0.462	P=0.140	P=0.444
HISTCONT SAME RTE	P=0.328	P=1.000	P=0.098	P=1.000
HISTCONT ALL RTEs	P=0.245	P=1.000	P=0.026*	P=1.000
CURR VS HC SAME RTE	P=0.981			
CURR VS HC ALL RTEs	P=0.908			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/60 (7%)	4/60 (7%)	3/60 (5%)	6/60 (10%)
POLY-3 RATE (b)	4/47.82	4/42.23	3/41.93	6/39.57
POLY-3 PERCENT (g)	8.4%	9.5%	7.2%	15.2%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	3/38 (8%)	2/30 (7%)	3/27 (11%)	2/17 (12%)
FIRST INCIDENCE	670	590	729 (T)	639
HC TUMORS SAME ROUTE	15/200 (8%)			
HC TUMORS ALL ROUTES	31/500 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.191	P=0.574	P=0.571N	P=0.257
POLY 1.5	P=0.227	P=0.597	P=0.543N	P=0.308
POLY 6	P=0.145	P=0.554	P=0.604N	P=0.195
COCH-ARM / FISHERS	P=0.263	P=0.641N	P=0.500N	P=0.372
MAX-ISO-POLY-3	P=0.268	P=0.430	P=0.419N	P=0.182
HISTCONT SAME RTE	P=0.143	P=1.000	P=1.000	P=0.116
HISTCONT ALL RTES	P=0.082	P=0.380	P=1.000	P=0.051
CURR VS HC SAME RTE	P=0.978			
CURR VS HC ALL RTES	P=0.772			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	40/60 (67%)	40/60 (67%)	43/60 (72%)	42/60 (70%)
POLY-3 RATE (b)	40/52.13	40/49.31	43/50.55	42/51.07
POLY-3 PERCENT (g)	76.7%	81.1%	85.1%	82.2%
INT SACRIFICE 1	3/10 (30%)	2/10 (20%)	5/10 (50%)	5/10 (50%)
TERMINAL (d)	29/38 (76%)	24/30 (80%)	26/27 (96%)	14/17 (82%)
FIRST INCIDENCE	367 (I)	365	279	367 (I)
HC TUMORS SAME ROUTE	149/200 (75%)			
HC TUMORS ALL ROUTES	374/500 (75%)			
STATISTICAL TESTS				
POLY 3	P=0.345	P=0.376	P=0.184	P=0.313
POLY 1.5	P=0.398	P=0.432	P=0.248	P=0.377
POLY 6	P=0.231	P=0.340	P=0.112	P=0.212
COCH-ARM / FISHERS	P=0.379	P=0.577N	P=0.346	P=0.422
MAX-ISO-POLY-3	P=0.262	P=0.288	P=0.124	P=0.228
HISTCONT SAME RTE	P=0.382	P=0.372	P=0.205	P=0.312
HISTCONT ALL RTES	P=0.537	P=0.490	P=0.259	P=0.420
CURR VS HC SAME RTE	P=0.929			
CURR VS HC ALL RTES	P=0.606			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	26/60 (43%)	41/60 (68%)	40/60 (67%)	44/60 (73%)
POLY-3 RATE (b)	26/51.43	41/50.31	40/49.95	44/52.16
POLY-3 PERCENT (g)	50.6%	81.5%	80.1%	84.4%
INT SACRIFICE 1	1/10 (10%)	1/10 (10%)	2/10 (20%)	4/10 (40%)
TERMINAL (d)	16/38 (42%)	22/30 (73%)	20/27 (74%)	14/17 (82%)
FIRST INCIDENCE	367 (I)	365	367 (I)	367 (I)
HC TUMORS SAME ROUTE	131/200 (66%)			
HC TUMORS ALL ROUTES	299/500 (60%)			
STATISTICAL TESTS				
POLY 3	P=0.003**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.004**	P<0.001**	P=0.002**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.010**	P=0.005**	P=0.008**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.082	P=0.088	P=0.106	P=0.058
HISTCONT ALL RTEs	P=0.019*	P=0.019*	P=0.027*	P=0.009**
CURR VS HC SAME RTE	P=0.066			
CURR VS HC ALL RTEs	P=0.106			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	48/60 (80%)	48/60 (80%)	54/60 (90%)	52/60 (87%)
POLY-3 RATE (b)	48/53.89	48/52.05	54/55.46	52/54.63
POLY-3 PERCENT (g)	89.1%	92.2%	97.4%	95.2%
INT SACRIFICE 1	3/10 (30%)	3/10 (30%)	7/10 (70%)	6/10 (60%)
TERMINAL (d)	33/38 (87%)	27/30 (90%)	27/27 (100%)	16/17 (94%)
FIRST INCIDENCE	367 (I)	365	279	367 (I)
HC TUMORS SAME ROUTE	182/200 (91%)			
HC TUMORS ALL ROUTES	458/500 (92%)			
STATISTICAL TESTS				
POLY 3	P=0.166	P=0.405	P=0.064	P=0.176
POLY 1.5	P=0.187	P=0.450	P=0.067	P=0.204
POLY 6	P=0.122	P=0.382	P=0.054	P=0.136
COCH-ARM / FISHERS	P=0.175	P=0.590N	P=0.100	P=0.232
MAX-ISO-POLY-3	P=0.065	P=0.278	P=0.027*	P=0.093
HISTCONT SAME RTE	P=0.305	P=1.000	P=0.167	P=0.300
HISTCONT ALL RTEs	P=0.439	P=1.000	P=0.202	P=0.391
CURR VS HC SAME RTE	P=0.571			
CURR VS HC ALL RTEs	P=0.302			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	1/60 (2%)	1/60 (2%)	1/60 (2%)	0/60 (0%)
POLY-3 RATE (b)	1/45.78	1/45.01	1/41.20	0/37.54
POLY-3 PERCENT (g)	2.2%	2.2%	2.4%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	1/36 (3%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	731 (T)	722	---
HC TUMORS SAME ROUTE	1/199 (1%)			
HC TUMORS ALL ROUTES	3/496 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla				
Pheochromocytoma Benign				
TUMOR RATES				
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/58 (0%)	3/59 (5%)
POLY-3 RATE (b)	0/45.78	2/45.01	0/39.37	3/36.86
POLY-3 PERCENT (g)	0%	4.4%	0%	8.1%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	2/31 (7%)	0/26 (0%)	2/15 (13%)
FIRST INCIDENCE	---	731 (T)	---	701
HC TUMORS SAME ROUTE	5/199 (3%)			
HC TUMORS ALL ROUTES	6/496 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.079	P=0.233	(e)	P=0.085
POLY 1.5	P=0.091	P=0.237	(e)	P=0.099
POLY 6	P=0.064	P=0.226	(e)	P=0.069
COCH-ARM / FISHERS	P=0.107	P=0.248	(e)	P=0.119
MAX-ISO-POLY-3	P=0.042*	P=0.076	(e)	P=0.037*
HISTCONT SAME RTE	P=0.106	P=0.428	(e)	P=0.078
HISTCONT ALL RTES	P=0.037*	P=0.102	(e)	P=0.012*
CURR VS HC SAME RTE	P=0.235			
CURR VS HC ALL RTES	P=0.509			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/58 (0%)	4/59 (7%)
POLY-3 RATE (b)	0/45.78	2/45.01	0/39.37	4/37.73
POLY-3 PERCENT (g)	0%	4.4%	0%	10.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/36 (0%)	2/31 (7%)	0/26 (0%)	2/15 (13%)
FIRST INCIDENCE	---	731 (T)	---	368 (I)
HC TUMORS SAME ROUTE	6/199 (3%)			
HC TUMORS ALL ROUTES	7/496 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.023*	P=0.233	(e)	P=0.039*
POLY 1.5	P=0.027*	P=0.237	(e)	P=0.048*
POLY 6	P=0.018*	P=0.226	(e)	P=0.030*
COCH-ARM / FISHERS	P=0.034*	P=0.248	(e)	P=0.057
MAX-ISO-POLY-3	P=0.014*	P=0.076	(e)	P=0.018*
HISTCONT SAME RTE	P=0.078	P=1.000	(e)	P=0.049*
HISTCONT ALL RTES	P=0.018*	P=0.161	(e)	P=0.005**
CURR VS HC SAME RTE	P=0.194			
CURR VS HC ALL RTES	P=0.481			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/60 (5%)	4/60 (7%)	6/60 (10%)	2/60 (3%)
POLY-3 RATE (b)	3/45.84	4/45.22	6/42.65	2/37.67
POLY-3 PERCENT (g)	6.5%	8.9%	14.1%	5.3%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	2/36 (6%)	3/31 (10%)	3/26 (12%)	1/15 (7%)
FIRST INCIDENCE	716	677	423	696
HC TUMORS SAME ROUTE	7/200 (4%)			
HC TUMORS ALL ROUTES	33/500 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.459N	P=0.493	P=0.206	P=0.588N
POLY 1.5	P=0.394N	P=0.500	P=0.226	P=0.546N
POLY 6	P=0.551N	P=0.477	P=0.180	P=0.647N
COCH-ARM / FISHERS	P=0.325N	P=0.500	P=0.245	P=0.500N
MAX-ISO-POLY-3	P=0.423N	P=0.341	P=0.129	P=0.413N
HISTCONT SAME RTE	P=0.262	P=0.094	P=0.030*	P=1.000
HISTCONT ALL RTEs	P=0.607	P=0.485	P=0.142	P=1.000
CURR VS HC SAME RTE	P=0.470			
CURR VS HC ALL RTEs	P=0.835			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/60 (7%)	0/60 (0%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	4/46.55	0/45.01	0/41.17	2/37.90
POLY-3 PERCENT (g)	8.6%	0%	0%	5.3%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	2/36 (6%)	0/31 (0%)	0/26 (0%)	1/15 (7%)
FIRST INCIDENCE	472	---	---	628
HC TUMORS SAME ROUTE	6/200 (3%)			
HC TUMORS ALL ROUTES	11/500 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.626N	P=0.065N	P=0.078N	P=0.436N
POLY 1.5	P=0.616N	P=0.062N	P=0.069N	P=0.388N
POLY 6	P=0.620	P=0.070N	P=0.091N	P=0.504N
COCH-ARM / FISHERS	P=0.600N	P=0.059N	P=0.059N	P=0.340N
MAX-ISO-POLY-3	P=0.094N	P=0.023N*	P=0.034N*	P=0.298N
HISTCONT SAME RTE	P=0.444	P=1.000	P=1.000	P=0.467
HISTCONT ALL RTEs	P=0.331	P=1.000	P=1.000	P=0.305
CURR VS HC SAME RTE	P=0.184			
CURR VS HC ALL RTEs	P=0.032*			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/60 (12%)	4/60 (7%)	6/60 (10%)	4/60 (7%)
POLY-3 RATE (b)	7/46.61	4/45.22	6/42.65	4/38.04
POLY-3 PERCENT (g)	15%	8.9%	14.1%	10.5%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	4/36 (11%)	3/31 (10%)	3/26 (12%)	2/15 (13%)
FIRST INCIDENCE	472	677	423	628
HC TUMORS SAME ROUTE	13/200 (7%)			
HC TUMORS ALL ROUTES	44/500 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.460N	P=0.278N	P=0.569N	P=0.388N
POLY 1.5	P=0.398N	P=0.267N	P=0.534N	P=0.325N
POLY 6	P=0.545N	P=0.298N	P=0.618N	P=0.480N
COCH-ARM / FISHERS	P=0.327N	P=0.264N	P=0.500N	P=0.264N
MAX-ISO-POLY-3	P=0.460N	P=0.185N	P=0.450N	P=0.290N
HISTCONT SAME RTE	P=0.201	P=0.476	P=0.061	P=0.266
HISTCONT ALL RTEs	P=0.582	P=1.000	P=0.267	P=1.000
CURR VS HC SAME RTE	P=0.097			
CURR VS HC ALL RTEs	P=0.320			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Heart				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/45.78	0/45.01	0/41.17	0/37.54
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	0/500 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Large: Cecum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/45.78	0/45.01	0/41.17	0/37.54
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	0/500 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Duodenum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/45.78	0/45.01	0/41.17	0/37.54
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	2/500 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Site Unspecified Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	0/45.78	0/45.01	1/41.79	1/37.69
POLY-3 PERCENT (g)	0%	0%	2.4%	2.7%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	526	691
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	3/500 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Intestine Small: Site Unspecified Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	0/45.78	1/45.01	1/41.79	1/37.69
POLY-3 PERCENT (g)	0%	2.2%	2.4%	2.7%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	731 (T)	526	691
HC TUMORS SAME ROUTE	4/200 (2%)			
HC TUMORS ALL ROUTES	5/500 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/45.78	0/45.01	0/41.17	0/37.54
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	3/499 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
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 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	11/60 (18%)	16/60 (27%)	18/60 (30%)	21/60 (35%)
POLY-3 RATE (b)	11/45.78	16/47.28	18/44.83	21/44.17
POLY-3 PERCENT (g)	24%	33.8%	40.2%	47.6%
INT SACRIFICE 1	0/10 (0%)	2/10 (20%)	2/10 (20%)	4/10 (40%)
TERMINAL (d)	11/36 (31%)	12/31 (39%)	10/26 (39%)	6/15 (40%)
FIRST INCIDENCE	731 (T)	368 (I)	368 (I)	368 (I)
HC TUMORS SAME ROUTE	67/200 (34%)			
HC TUMORS ALL ROUTES	154/499 (31%)			
STATISTICAL TESTS				
POLY 3	P=0.019*	P=0.205	P=0.073	P=0.014*
POLY 1.5	P=0.029*	P=0.206	P=0.086	P=0.021*
POLY 6	P=0.010**	P=0.191	P=0.057	P=0.007**
COCH-ARM / FISHERS	P=0.045*	P=0.191	P=0.100	P=0.031*
MAX-ISO-POLY-3	P=0.016*	P=0.149	P=0.047*	P=0.008**
HISTCONT SAME RTE	P=0.297	P=1.000	P=0.441	P=0.237
HISTCONT ALL RTES	P=0.317	P=1.000	P=0.379	P=0.215
CURR VS HC SAME RTE	P=0.199			
CURR VS HC ALL RTES	P=0.246			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
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 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	6/60 (10%)	11/60 (18%)	12/60 (20%)	4/60 (7%)
POLY-3 RATE (b)	6/46.10	11/46.05	12/42.89	4/38.19
POLY-3 PERCENT (g)	13%	23.9%	28%	10.5%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	4/36 (11%)	7/31 (23%)	6/26 (23%)	3/15 (20%)
FIRST INCIDENCE	684	613	512	513
HC TUMORS SAME ROUTE	35/200 (18%)			
HC TUMORS ALL ROUTES	70/499 (14%)			
STATISTICAL TESTS				
POLY 3	P=0.247N	P=0.139	P=0.065	P=0.492N
POLY 1.5	P=0.174N	P=0.145	P=0.080	P=0.431N
POLY 6	P=0.378N	P=0.128	P=0.050*	P=0.581N
COCH-ARM / FISHERS	P=0.118N	P=0.148	P=0.100	P=0.372N
MAX-ISO-POLY-3	P=0.198N	P=0.088	P=0.042*	P=0.371N
HISTCONT SAME RTE	P=0.667	P=0.163	P=0.055	P=1.000
HISTCONT ALL RTEs	P=0.475	P=0.093	P=0.034*	P=1.000
CURR VS HC SAME RTE	P=0.300			
CURR VS HC ALL RTEs	P=0.642			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
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 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	6/60 (10%)	11/60 (18%)	12/60 (20%)	4/60 (7%)
POLY-3 RATE (b)	6/46.10	11/46.05	12/42.89	4/38.19
POLY-3 PERCENT (g)	13%	23.9%	28%	10.5%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	4/36 (11%)	7/31 (23%)	6/26 (23%)	3/15 (20%)
FIRST INCIDENCE	684	613	512	513
HC TUMORS SAME ROUTE	35/200 (18%)			
HC TUMORS ALL ROUTES	71/499 (14%)			
STATISTICAL TESTS				
POLY 3	P=0.247N	P=0.139	P=0.065	P=0.492N
POLY 1.5	P=0.174N	P=0.145	P=0.080	P=0.431N
POLY 6	P=0.378N	P=0.128	P=0.050*	P=0.581N
COCH-ARM / FISHERS	P=0.118N	P=0.148	P=0.100	P=0.372N
MAX-ISO-POLY-3	P=0.198N	P=0.088	P=0.042*	P=0.371N
HISTCONT SAME RTE	P=0.667	P=0.163	P=0.055	P=1.000
HISTCONT ALL RTEs	P=0.494	P=0.108	P=0.041*	P=1.000
CURR VS HC SAME RTE	P=0.300			
CURR VS HC ALL RTEs	P=0.621			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	14/60 (23%)	24/60 (40%)	24/60 (40%)	23/60 (38%)
POLY-3 RATE (b)	14/46.10	24/48.00	24/46.05	23/44.82
POLY-3 PERCENT (g)	30.4%	50%	52.1%	51.3%
INT SACRIFICE 1	0/10 (0%)	2/10 (20%)	2/10 (20%)	4/10 (40%)
TERMINAL (d)	12/36 (33%)	17/31 (55%)	12/26 (46%)	7/15 (47%)
FIRST INCIDENCE	684	368 (I)	368 (I)	368 (I)
HC TUMORS SAME ROUTE	88/200 (44%)			
HC TUMORS ALL ROUTES	193/499 (39%)			
STATISTICAL TESTS				
POLY 3	P=0.112	P=0.037*	P=0.024*	P=0.029*
POLY 1.5	P=0.152	P=0.039*	P=0.029*	P=0.042*
POLY 6	P=0.062	P=0.032*	P=0.018*	P=0.015*
COCH-ARM / FISHERS	P=0.195	P=0.038*	P=0.038*	P=0.057
MAX-ISO-POLY-3	P=0.030*	P=0.025*	P=0.014*	P=0.018*
HISTCONT SAME RTE	P=0.617	P=0.484	P=0.402	P=0.435
HISTCONT ALL RTEs	P=0.429	P=0.331	P=0.284	P=0.310
CURR VS HC SAME RTE	P=0.067			
CURR VS HC ALL RTEs	P=0.169			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	14/60 (23%)	24/60 (40%)	24/60 (40%)	23/60 (38%)
POLY-3 RATE (b)	14/46.10	24/48.00	24/46.05	23/44.82
POLY-3 PERCENT (g)	30.4%	50%	52.1%	51.3%
INT SACRIFICE 1	0/10 (0%)	2/10 (20%)	2/10 (20%)	4/10 (40%)
TERMINAL (d)	12/36 (33%)	17/31 (55%)	12/26 (46%)	7/15 (47%)
FIRST INCIDENCE	684	368 (I)	368 (I)	368 (I)
HC TUMORS SAME ROUTE	88/200 (44%)			
HC TUMORS ALL ROUTES	193/499 (39%)			
STATISTICAL TESTS				
POLY 3	P=0.112	P=0.037*	P=0.024*	P=0.029*
POLY 1.5	P=0.152	P=0.039*	P=0.029*	P=0.042*
POLY 6	P=0.062	P=0.032*	P=0.018*	P=0.015*
COCH-ARM / FISHERS	P=0.195	P=0.038*	P=0.038*	P=0.057
MAX-ISO-POLY-3	P=0.030*	P=0.025*	P=0.014*	P=0.018*
HISTCONT SAME RTE	P=0.617	P=0.484	P=0.402	P=0.435
HISTCONT ALL RTES	P=0.429	P=0.331	P=0.284	P=0.310
CURR VS HC SAME RTE	P=0.067			
CURR VS HC ALL RTES	P=0.169			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Liver				
Hepatocholangiocarcinoma				
TUMOR RATES				
OVERALL (a)	1/60 (2%)	2/60 (3%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	1/45.78	2/45.49	0/41.17	0/37.54
POLY-3 PERCENT (g)	2.2%	4.4%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	1/36 (3%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	590	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	0/499 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.230N	P=0.498	P=0.521N	P=0.539N
POLY 1.5	P=0.219N	P=0.501	P=0.511N	P=0.520N
POLY 6	P=0.248N	P=0.489	P=0.536N	P=0.566N
COCH-ARM / FISHERS	P=0.208N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.253N	P=0.279	P=0.184N	P=0.206N
HISTCONT SAME RTE	P=0.420	P=0.048*	(e)	(e)
HISTCONT ALL RTES	P=0.295	P=0.002**	(e)	(e)
CURR VS HC SAME RTE	P=0.013*			
CURR VS HC ALL RTES	P=0.002**			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	1/60 (2%)	10/60 (17%)	19/60 (32%)	9/60 (15%)
POLY-3 RATE (b)	1/45.78	10/45.23	19/43.64	9/41.65
POLY-3 PERCENT (g)	2.2%	22.1%	43.5%	21.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	1/36 (3%)	7/31 (23%)	12/26 (46%)	1/15 (7%)
FIRST INCIDENCE	731 (T)	708	519	368 (I)
HC TUMORS SAME ROUTE	11/199 (6%)			
HC TUMORS ALL ROUTES	26/499 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.098	P=0.004**	P<0.001**	P=0.005**
POLY 1.5	P=0.140	P=0.004**	P<0.001**	P=0.007**
POLY 6	P=0.051	P=0.003**	P<0.001**	P=0.003**
COCH-ARM / FISHERS	P=0.200	P=0.004**	P<0.001**	P=0.008**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P=0.002**
HISTCONT SAME RTE	P=0.117	P=0.017*	P=0.007**	P=0.022*
HISTCONT ALL RTES	P=0.026*	P<0.001**	P<0.001**	P=0.003**
CURR VS HC SAME RTE	P=0.294			
CURR VS HC ALL RTES	P=0.331			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	2/60 (3%)	14/60 (23%)	11/60 (18%)	11/60 (18%)
POLY-3 RATE (b)	2/46.51	14/46.21	11/42.32	11/39.43
POLY-3 PERCENT (g)	4.3%	30.3%	26%	27.9%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	1/36 (3%)	9/31 (29%)	7/26 (27%)	5/15 (33%)
FIRST INCIDENCE	472	511	526	493
HC TUMORS SAME ROUTE	15/199 (8%)			
HC TUMORS ALL ROUTES	22/499 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.068	P<0.001**	P=0.004**	P=0.002**
POLY 1.5	P=0.110	P<0.001**	P=0.005**	P=0.004**
POLY 6	P=0.033*	P<0.001**	P=0.002**	P<0.001**
COCH-ARM / FISHERS	P=0.184	P<0.001**	P=0.008**	P=0.008**
MAX-ISO-POLY-3	P=0.010**	P<0.001**	P=0.002**	P=0.002**
HISTCONT SAME RTE	P=0.077	P=0.014*	P=0.024*	P=0.024*
HISTCONT ALL RTES	P=0.010**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.364			
CURR VS HC ALL RTES	P=0.844			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	3/60 (5%)	22/60 (37%)	27/60 (45%)	19/60 (32%)
POLY-3 RATE (b)	3/46.51	22/46.37	27/44.42	19/43.54
POLY-3 PERCENT (g)	6.5%	47.4%	60.8%	43.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	2/36 (6%)	15/31 (48%)	17/26 (65%)	5/15 (33%)
FIRST INCIDENCE	472	511	519	368 (I)
HC TUMORS SAME ROUTE	25/199 (13%)			
HC TUMORS ALL ROUTES	47/499 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.015*	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.029*	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.005**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.065	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.076	P=0.010**	P=0.007**	P=0.014*
HISTCONT ALL RTEs	P=0.008**	P<0.001**	P<0.001**	P<0.001**
CURR VS HC SAME RTE	P=0.196			
CURR VS HC ALL RTEs	P=0.409			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/60 (2%)	2/60 (3%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	1/45.78	2/45.42	0/41.17	0/37.54
POLY-3 PERCENT (g)	2.2%	4.4%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	1/36 (3%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	613	---	---
HC TUMORS SAME ROUTE	4/200 (2%)			
HC TUMORS ALL ROUTES	7/500 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.230N	P=0.497	P=0.521N	P=0.539N
POLY 1.5	P=0.219N	P=0.501	P=0.511N	P=0.520N
POLY 6	P=0.248N	P=0.489	P=0.536N	P=0.566N
COCH-ARM / FISHERS	P=0.208N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.253N	P=0.279	P=0.184N	P=0.206N
HISTCONT SAME RTE	P=1.000	P=0.324	P=1.000	P=1.000
HISTCONT ALL RTEs	P=0.782	P=0.122	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.985			
CURR VS HC ALL RTEs	P=0.778			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary				
Cystadenoma				
TUMOR RATES				
OVERALL (a)	1/60 (2%)	2/59 (3%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	1/45.78	2/44.01	2/41.63	0/37.54
POLY-3 PERCENT (g)	2.2%	4.5%	4.8%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	1/36 (3%)	2/30 (7%)	1/26 (4%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	731 (T)	596	---
HC TUMORS SAME ROUTE	5/198 (3%)			
HC TUMORS ALL ROUTES	16/496 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.303N	P=0.486	P=0.467	P=0.539N
POLY 1.5	P=0.272N	P=0.492	P=0.483	P=0.520N
POLY 6	P=0.350N	P=0.474	P=0.444	P=0.566N
COCH-ARM / FISHERS	P=0.240N	P=0.494	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.295N	P=0.271	P=0.262	P=0.206N
HISTCONT SAME RTE	P=0.693	P=0.402	P=0.351	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.801			
CURR VS HC ALL RTES	P=0.622			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Ovary				
Luteoma				
TUMOR RATES				
OVERALL (a)	0/60 (0%)	2/59 (3%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/45.78	2/44.89	0/41.17	0/37.54
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	1/30 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	368 (l)	---	---
HC TUMORS SAME ROUTE	2/198 (1%)			
HC TUMORS ALL ROUTES	2/496 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.381N	P=0.233	(e)	(e)
POLY 1.5	P=0.368N	P=0.235	(e)	(e)
POLY 6	P=0.404N	P=0.226	(e)	(e)
COCH-ARM / FISHERS	P=0.358N	P=0.244	(e)	(e)
MAX-ISO-POLY-3	P=0.329N	P=0.075	(e)	(e)
HISTCONT SAME RTE	P=0.680	P=0.134	(e)	(e)
HISTCONT ALL RTES	P=0.464	P=0.012*	(e)	(e)
CURR VS HC SAME RTE	P=0.496			
CURR VS HC ALL RTES	P=0.622			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	9/59 (15%)	10/60 (17%)	7/60 (12%)	3/60 (5%)
POLY-3 RATE (b)	9/44.78	10/46.38	7/42.28	3/37.54
POLY-3 PERCENT (g)	20.1%	21.6%	16.6%	8%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	9/35 (26%)	6/31 (19%)	4/26 (15%)	3/15 (20%)
FIRST INCIDENCE	731 (T)	511	526	731 (T)
HC TUMORS SAME ROUTE	24/195 (12%)			
HC TUMORS ALL ROUTES	39/493 (8%)			
STATISTICAL TESTS				
POLY 3	P=0.063N	P=0.534	P=0.440N	P=0.107N
POLY 1.5	P=0.042N*	P=0.533	P=0.408N	P=0.079N
POLY 6	P=0.106N	P=0.523	P=0.486N	P=0.163N
COCH-ARM / FISHERS	P=0.027N*	P=0.516	P=0.381N	P=0.059N
MAX-ISO-POLY-3	P=0.102N	P=0.431	P=0.339N	P=0.076N
HISTCONT SAME RTE	P=0.648	P=0.120	P=0.396	P=1.000
HISTCONT ALL RTES	P=0.387	P=0.020*	P=0.124	P=1.000
CURR VS HC SAME RTE	P=0.335			
CURR VS HC ALL RTES	P=0.032*			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	9/59 (15%)	10/60 (17%)	8/60 (13%)	3/60 (5%)
POLY-3 RATE (b)	9/44.78	10/46.38	8/42.76	3/37.54
POLY-3 PERCENT (g)	20.1%	21.6%	18.7%	8%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	9/35 (26%)	6/31 (19%)	4/26 (15%)	3/15 (20%)
FIRST INCIDENCE	731 (T)	511	526	731 (T)
HC TUMORS SAME ROUTE	27/195 (14%)			
HC TUMORS ALL ROUTES	42/493 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.067N	P=0.534	P=0.542N	P=0.107N
POLY 1.5	P=0.044N*	P=0.533	P=0.512N	P=0.079N
POLY 6	P=0.115N	P=0.523	P=0.583N	P=0.163N
COCH-ARM / FISHERS	P=0.028N*	P=0.516	P=0.485N	P=0.059N
MAX-ISO-POLY-3	P=0.109N	P=0.431	P=0.434N	P=0.076N
HISTCONT SAME RTE	P=0.722	P=0.240	P=0.395	P=1.000
HISTCONT ALL RTES	P=0.431	P=0.045*	P=0.115	P=1.000
CURR VS HC SAME RTE	P=0.521			
CURR VS HC ALL RTES	P=0.051			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/60 (3%)	1/60 (2%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	2/46.29	1/45.22	0/41.17	1/37.97
POLY-3 PERCENT (g)	4.3%	2.2%	0%	2.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	576	677	---	606
HC TUMORS SAME ROUTE	4/200 (2%)			
HC TUMORS ALL ROUTES	14/500 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.537N	P=0.508N	P=0.264N	P=0.568N
POLY 1.5	P=0.525N	P=0.502N	P=0.251N	P=0.536N
POLY 6	P=0.553N	P=0.520N	P=0.284N	P=0.613N
COCH-ARM / FISHERS	P=0.510N	P=0.500N	P=0.248N	P=0.500N
MAX-ISO-POLY-3	P=0.333N	P=0.289N	P=0.101N	P=0.353N
HISTCONT SAME RTE	P=0.647	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.507			
CURR VS HC ALL RTEs	P=0.700			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	1/46.29	1/45.22	0/41.17	1/37.97
POLY-3 PERCENT (g)	2.2%	2.2%	0%	2.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	576	677	---	606
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	3/500 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/60 (3%)	1/60 (2%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	2/46.29	1/45.22	0/41.17	1/37.97
POLY-3 PERCENT (g)	4.3%	2.2%	0%	2.6%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	576	677	---	606
HC TUMORS SAME ROUTE	4/200 (2%)			
HC TUMORS ALL ROUTES	14/500 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.537N	P=0.508N	P=0.264N	P=0.568N
POLY 1.5	P=0.525N	P=0.502N	P=0.251N	P=0.536N
POLY 6	P=0.553N	P=0.520N	P=0.284N	P=0.613N
COCH-ARM / FISHERS	P=0.510N	P=0.500N	P=0.248N	P=0.500N
MAX-ISO-POLY-3	P=0.333N	P=0.289N	P=0.101N	P=0.353N
HISTCONT SAME RTE	P=0.647	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.507			
CURR VS HC ALL RTEs	P=0.700			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/60 (2%)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	1/45.78	0/45.01	0/41.17	0/37.54
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	1/36 (3%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	731 (T)	---	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	3/500 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Skin				
Squamous Cell Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	0/45.78	0/45.01	0/41.17	2/38.56
POLY-3 PERCENT (g)	0%	0%	0%	5.2%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	0/31 (0%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	---	---	424
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	0/500 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.033*	(e)	(e)	P=0.201
POLY 1.5	P=0.036*	(e)	(e)	P=0.218
POLY 6	P=0.029*	(e)	(e)	P=0.178
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.248
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.075
HISTCONT SAME RTE	P=0.038*	(e)	(e)	P=0.055
HISTCONT ALL RTES	P=0.004**	(e)	(e)	P=0.003**
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Spleen				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/60 (0%)	1/60 (2%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/45.78	1/45.01	0/41.17	0/37.54
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	731 (T)	---	---
HC TUMORS SAME ROUTE	6/199 (3%)			
HC TUMORS ALL ROUTES	8/498 (2%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Thyroid Gland: Follicular Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/58 (0%)	0/59 (0%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	0/44.21	0/44.89	1/41.17	1/37.54
POLY-3 PERCENT (g)	0%	0%	2.4%	2.7%
INT SACRIFICE 1	0/10 (0%)	0/9 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/35 (0%)	0/31 (0%)	1/26 (4%)	1/15 (7%)
FIRST INCIDENCE	---	---	731 (T)	731 (T)
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	3/498 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus				
Leiomyoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/45.78	2/45.11	0/41.17	0/37.54
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	1/31 (3%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	---	708	---	---
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	1/500 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.384N	P=0.234	(e)	(e)
POLY 1.5	P=0.370N	P=0.237	(e)	(e)
POLY 6	P=0.407N	P=0.227	(e)	(e)
COCH-ARM / FISHERS	P=0.359N	P=0.248	(e)	(e)
MAX-ISO-POLY-3	P=0.329N	P=0.076	(e)	(e)
HISTCONT SAME RTE	P=0.555	P=0.088	(e)	(e)
HISTCONT ALL RTES	P=0.384	P=0.006**	(e)	(e)
CURR VS HC SAME RTE	P=0.607			
CURR VS HC ALL RTES	P=0.636			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
Uterus				
Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/60 (7%)	2/60 (3%)	1/60 (2%)	3/60 (5%)
POLY-3 RATE (b)	4/46.19	2/45.01	1/41.81	3/38.06
POLY-3 PERCENT (g)	8.7%	4.4%	2.4%	7.9%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	3/36 (8%)	2/31 (7%)	0/26 (0%)	2/15 (13%)
FIRST INCIDENCE	614	731 (T)	519	572
HC TUMORS SAME ROUTE	5/200 (3%)			
HC TUMORS ALL ROUTES	12/500 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.543	P=0.349N	P=0.210N	P=0.604N
POLY 1.5	P=0.577	P=0.340N	P=0.194N	P=0.554N
POLY 6	P=0.496	P=0.366N	P=0.234N	P=0.631
COCH-ARM / FISHERS	P=0.604N	P=0.340N	P=0.182N	P=0.500N
MAX-ISO-POLY-3	P=0.404N	P=0.212N	P=0.113N	P=0.452N
HISTCONT SAME RTE	P=0.121	P=0.448	P=1.000	P=0.123
HISTCONT ALL RTES	P=0.172	P=0.419	P=1.000	P=0.114
CURR VS HC SAME RTE	P=0.073			
CURR VS HC ALL RTES	P=0.043*			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	1/60 (2%)	3/60 (5%)
POLY-3 RATE (b)	0/45.78	2/45.01	1/41.17	3/37.62
POLY-3 PERCENT (g)	0%	4.4%	2.4%	8%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/36 (0%)	2/31 (7%)	1/26 (4%)	2/15 (13%)
FIRST INCIDENCE	---	731 (T)	731 (T)	710
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	4/500 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.096	P=0.233	P=0.479	P=0.088
POLY 1.5	P=0.114	P=0.237	P=0.489	P=0.102
POLY 6	P=0.075	P=0.226	P=0.464	P=0.071
COCH-ARM / FISHERS	P=0.137	P=0.248	P=0.500	P=0.122
MAX-ISO-POLY-3	P=0.062	P=0.076	P=0.158	P=0.037*
HISTCONT SAME RTE	P=0.042*	P=0.089	P=0.384	P=0.044*
HISTCONT ALL RTES	P=0.008**	P=0.033*	P=0.427	P=0.005**
CURR VS HC SAME RTE	P=0.603			
CURR VS HC ALL RTES	P=0.608			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/60 (7%)	3/60 (5%)	3/60 (5%)	2/60 (3%)
POLY-3 RATE (b)	4/45.80	3/45.86	3/41.17	2/37.67
POLY-3 PERCENT (g)	8.7%	6.5%	7.3%	5.3%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	3/36 (8%)	1/31 (3%)	3/26 (12%)	1/15 (7%)
FIRST INCIDENCE	725	606	731 (T)	696
HC TUMORS SAME ROUTE	12/200 (6%)			
HC TUMORS ALL ROUTES	23/500 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.405N	P=0.499N	P=0.558N	P=0.431N
POLY 1.5	P=0.360N	P=0.496N	P=0.529N	P=0.385N
POLY 6	P=0.469N	P=0.509N	P=0.598N	P=0.498N
COCH-ARM / FISHERS	P=0.310N	P=0.500N	P=0.500N	P=0.340N
MAX-ISO-POLY-3	P=0.471N	P=0.346N	P=0.405N	P=0.293N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTEs	P=0.666	P=0.485	P=0.419	P=1.000
CURR VS HC SAME RTE	P=0.645			
CURR VS HC ALL RTEs	P=0.363			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/60 (7%)	5/60 (8%)	4/60 (7%)	5/60 (8%)
POLY-3 RATE (b)	4/45.80	5/45.86	4/41.17	5/37.76
POLY-3 PERCENT (g)	8.7%	10.9%	9.7%	13.2%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	3/36 (8%)	3/31 (10%)	4/26 (15%)	3/15 (20%)
FIRST INCIDENCE	725	606	731 (T)	696
HC TUMORS SAME ROUTE	13/200 (7%)			
HC TUMORS ALL ROUTES	27/500 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.355	P=0.501	P=0.584	P=0.380
POLY 1.5	P=0.417	P=0.505	P=0.614	P=0.438
POLY 6	P=0.275	P=0.489	P=0.541	P=0.304
COCH-ARM / FISHERS	P=0.490	P=0.500	P=0.641N	P=0.500
MAX-ISO-POLY-3	P=0.442	P=0.363	P=0.439	P=0.274
HISTCONT SAME RTE	P=0.061	P=0.110	P=0.277	P=0.066
HISTCONT ALL RTES	P=0.066	P=0.109	P=0.230	P=0.061
CURR VS HC SAME RTE	P=0.743			
CURR VS HC ALL RTES	P=0.520			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/60 (5%)	7/60 (12%)	2/60 (3%)	3/60 (5%)
POLY-3 RATE (b)	3/46.23	7/47.14	2/41.88	3/38.60
POLY-3 PERCENT (g)	6.5%	14.9%	4.8%	7.8%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	1/36 (3%)	3/31 (10%)	0/26 (0%)	0/15 (0%)
FIRST INCIDENCE	614	368 (I)	526	488
HC TUMORS SAME ROUTE	9/200 (5%)			
HC TUMORS ALL ROUTES	15/500 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.408N	P=0.165	P=0.545N	P=0.577
POLY 1.5	P=0.362N	P=0.166	P=0.522N	P=0.619
POLY 6	P=0.475N	P=0.158	P=0.576N	P=0.515
COCH-ARM / FISHERS	P=0.315N	P=0.161	P=0.500N	P=0.660N
MAX-ISO-POLY-3	P=0.409N	P=0.097	P=0.370N	P=0.415
HISTCONT SAME RTE	P=0.392	P=0.031*	P=1.000	P=0.335
HISTCONT ALL RTES	P=0.226	P<0.001**	P=0.484	P=0.115
CURR VS HC SAME RTE	P=0.710			
CURR VS HC ALL RTES	P=0.316			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
 Time Report Requested: 13:46:36
 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/60 (12%)	17/60 (28%)	20/60 (33%)	30/60 (50%)
POLY-3 RATE (b)	7/46.05	17/45.92	20/43.39	30/48.36
POLY-3 PERCENT (g)	15.2%	37%	46.1%	62%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
TERMINAL (d)	5/36 (14%)	15/31 (48%)	12/26 (46%)	5/15 (33%)
FIRST INCIDENCE	677	558	512	368 (I)
HC TUMORS SAME ROUTE	56/200 (28%)			
HC TUMORS ALL ROUTES	102/500 (20%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.014*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.016*	P=0.002**	P<0.001**
POLY 6	P<0.001**	P=0.010**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.019*	P=0.004**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.007**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.009**	P=0.235	P=0.057	P=0.012*
HISTCONT ALL RTES	P<0.001**	P=0.048*	P=0.009**	P<0.001**
CURR VS HC SAME RTE	P=0.040*			
CURR VS HC ALL RTES	P=0.280			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
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Date Report Requested: 03/08/2016
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 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	25/60 (42%)	37/60 (62%)	37/60 (62%)	36/60 (60%)
POLY-3 RATE (b)	25/46.43	37/48.78	37/48.47	36/48.61
POLY-3 PERCENT (g)	53.9%	75.9%	76.3%	74.1%
INT SACRIFICE 1	0/10 (0%)	2/10 (20%)	2/10 (20%)	5/10 (50%)
TERMINAL (d)	22/36 (61%)	27/31 (87%)	20/26 (77%)	13/15 (87%)
FIRST INCIDENCE	614	368 (I)	368 (I)	368 (I)
HC TUMORS SAME ROUTE	110/200 (55%)			
HC TUMORS ALL ROUTES	254/500 (51%)			
STATISTICAL TESTS				
POLY 3	P=0.126	P=0.014*	P=0.012*	P=0.023*
POLY 1.5	P=0.148	P=0.017*	P=0.015*	P=0.030*
POLY 6	P=0.075	P=0.009**	P=0.011*	P=0.011*
COCH-ARM / FISHERS	P=0.144	P=0.022*	P=0.022*	P=0.034*
MAX-ISO-POLY-3	P=0.012*	P=0.009**	P=0.008**	P=0.015*
HISTCONT SAME RTE	P=0.125	P=0.053	P=0.051	P=0.067
HISTCONT ALL RTES	P=0.065	P=0.036*	P=0.033*	P=0.050*
CURR VS HC SAME RTE	P=0.514			
CURR VS HC ALL RTES	P=0.813			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
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 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	25/60 (42%)	41/60 (68%)	35/60 (58%)	45/60 (75%)
POLY-3 RATE (b)	25/48.08	41/50.98	35/46.38	45/52.16
POLY-3 PERCENT (g)	52%	80.4%	75.5%	86.3%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	4/10 (40%)
TERMINAL (d)	16/36 (44%)	25/31 (81%)	19/26 (73%)	12/15 (80%)
FIRST INCIDENCE	472	368 (I)	512	368 (I)
HC TUMORS SAME ROUTE	121/200 (61%)			
HC TUMORS ALL ROUTES	251/500 (50%)			
STATISTICAL TESTS				
POLY 3	P=0.002**	P<0.001**	P=0.011*	P<0.001**
POLY 1.5	P=0.002**	P<0.001**	P=0.020*	P<0.001**
POLY 6	P<0.001**	P=0.002**	P=0.006**	P<0.001**
COCH-ARM / FISHERS	P=0.003**	P=0.003**	P=0.050*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P=0.007**	P<0.001**
HISTCONT SAME RTE	P=0.022*	P=0.022*	P=0.053	P=0.013*
HISTCONT ALL RTES	P=0.013*	P=0.014*	P=0.044*	P=0.005**
CURR VS HC SAME RTE	P=0.123			
CURR VS HC ALL RTES	P=0.839			

Experiment Number: 20601 - 04
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 03/08/2016
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 First Dose M/F: 10/06/08 / 10/06/08
 Lab: BNW

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	Control	3 mg/m3	10 mg/m3	30 mg/m3
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	35/60 (58%)	50/60 (83%)	48/60 (80%)	52/60 (87%)
POLY-3 RATE (b)	35/48.08	50/52.89	48/50.43	52/55.32
POLY-3 PERCENT (g)	72.8%	94.5%	95.2%	94%
INT SACRIFICE 1	0/10 (0%)	3/10 (30%)	2/10 (20%)	6/10 (60%)
TERMINAL (d)	26/36 (72%)	30/31 (97%)	26/26 (100%)	14/15 (93%)
FIRST INCIDENCE	472	368 (I)	368 (I)	368 (I)
HC TUMORS SAME ROUTE	164/200 (82%)			
HC TUMORS ALL ROUTES	369/500 (74%)			
STATISTICAL TESTS				
POLY 3	P=0.018*	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.009**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.032*	P=0.002**	P<0.001**	P=0.003**
COCH-ARM / FISHERS	P=0.007**	P=0.002**	P=0.009**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.140	P=0.080	P=0.073	P=0.085
HISTCONT ALL RTES	P=0.057	P=0.041*	P=0.041*	P=0.039*
CURR VS HC SAME RTE	P=0.047*			
CURR VS HC ALL RTES	P=0.491			

Experiment Number: 20601 - 04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Antimony trioxide
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LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) Number of tumor-bearing animals/Poly-3 number
- (d) Observed incidence at terminal kill.
- (e) Value of statistic cannot be computed.
- (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
- (g) Poly-3 adjusted lifetime tumor incidence.
- (h) Historical Controls statistic is not calculated when the HC Poly-3 rate is higher than the Poly-3 rates for all dose groups.
- (n) No statistics are calculated if all dose groups have fewer than two tumors.
- (I) Interim sacrifice
- (T) Terminal sacrifice
- # Tumor rates based on numbers of animals necropsied.
- * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
- ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
- N Indicates a negative trend for all tests
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***