

Experiment Number: 20105 - 75

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017

Time Report Requested: 11:32:46

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

Final 1 Revision 1 CDMA Mice Core Study

NTP Study Number:	C20105B		
Lock Date:	04/07/2016		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25022 ACCK	25021 TSAC	25020 NATD
	25019 MSAC		
Removal Date Range:	ALL		
Treatment Groups:	Include ALL		
Study Gender:	Both		
TDMSE Version:	3.0.2.4_cartox		
PWG Approval Date:	08/24/2017		

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HISTORICAL CONTROL STUDIES

From November 2017 report

SAME ROUTE

20105-78 -- Cell Phone Radiation: GSM (Whole Body Exposure AIR)

ALL ROUTES

20601-04 -- Antimony trioxide (INHALATION AIR)

20725-04 -- 2,3-Butanedione (INHALATION AIR)

20105-78 -- Cell Phone Radiation: GSM (Whole Body Exposure AIR)

20203-04 -- Green Tea Extract (GAVAGE WATER)

20515-04 -- Metal Working Fluids: CIMSTAR 3800 (INHALATION AIR)

20523-04 -- Metal Working Fluids: TRIM VX (INHALATION AIR)

10472-04 -- p-Chloro-a,a,a-trifluorotoluene (INHALATION AIR)

20209-04 -- Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)] (GAVAGE CORN OIL)

20320-04 -- Tetrabromobisphenol A (GAVAGE CORN OIL)

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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
Islets, Pancreatic
Kidney
Liver
Lung
Ovary
Pituitary Gland
Spleen
Testis
Thyroid Gland

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF CELL PHONE RADIATION: CDMA

MALE MICE

Organ

Adrenal Cortex
Intestine Small: Site Unspecified

Liver

Morphology

Adenoma
Adenoma
Carcinoma
Carcinoma or Adenoma
Hepatoblastoma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hepatocellular Carcinoma or Hepatoblastoma

FEMALE MICE

Organ

Adrenal Medulla
Kidney: Renal Tubule
Mammary Gland
Pituitary Gland: Pars Distalis or Unspecified Site
Skin

Spleen
All Organs

Morphology

Pheochromocytoma Malignant
Adenoma
Carcinoma
Adenoma
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma
Sarcoma
Hemangiosarcoma
Hemangioma
Histiocytic Sarcoma
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	0/90 (0%)	2/89 (2%)	4/90 (4%)	4/89 (4%)
POLY-3 RATE (b)	0/80.23	2/85.99	4/84.35	4/81.78
POLY-3 PERCENT (g)	0%	2.3%	4.7%	4.9%
TERMINAL (d)	0/66 (0%)	2/82 (2%)	4/71 (6%)	4/70 (6%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	20/487 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.053	P=0.254	P=0.070	P=0.066
POLY 1.5	P=0.053	P=0.248	P=0.068	P=0.065
POLY 6	P=0.051	P=0.261	P=0.071	P=0.066
COCH-ARM / FISHERS	P=0.051	P=0.246	P=0.060	P=0.059
MAX-ISO-POLY-3	P=0.058	P=0.093	P=0.026*	P=0.023*
HISTCONT SAME RTE	P=0.116	P=0.314	P=0.228	P=0.227
HISTCONT ALL RTES	P=0.709	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.099			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Adrenal Medulla				
Pheochromocytoma Malignant				
TUMOR RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/88 (0%)	0/89 (0%)
POLY-3 RATE (b)	0/80.23	0/85.99	0/82.35	0/81.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/82 (0%)	0/69 (0%)	0/70 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/486 (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)			

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Species/Strain: MICE/B6C3F1

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/88 (0%)	1/89 (1%)
POLY-3 RATE (b)	0/80.23	0/85.99	0/82.35	1/81.78
POLY-3 PERCENT (g)	0%	0%	0%	1.2%
TERMINAL (d)	0/66 (0%)	0/82 (0%)	0/69 (0%)	1/70 (1%)
FIRST INCIDENCE	---	---	---	729 (T)
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	2/486 (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)			

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Bone				
Osteosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (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)			

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	6/90 (7%)	4/91 (4%)	4/90 (4%)	4/90 (4%)
POLY-3 RATE (b)	6/80.23	4/87.34	4/84.35	4/82.87
POLY-3 PERCENT (g)	7.5%	4.6%	4.7%	4.8%
TERMINAL (d)	6/66 (9%)	4/83 (5%)	4/71 (6%)	3/71 (4%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	707
HC TUMORS SAME ROUTE	6/90 (7%)			
HC TUMORS ALL ROUTES	50/490 (10%)			
STATISTICAL TESTS				
POLY 3	P=0.342N	P=0.322N	P=0.342N	P=0.353N
POLY 1.5	P=0.339N	P=0.335N	P=0.351N	P=0.355N
POLY 6	P=0.347N	P=0.307N	P=0.337N	P=0.352N
COCH-ARM / FISHERS	P=0.343N	P=0.366N	P=0.373N	P=0.373N
MAX-ISO-POLY-3	P=0.363N	P=0.224N	P=0.238N	P=0.245N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.284			

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Harderian Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/90 (3%)	3/91 (3%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	3/80.38	3/87.34	1/84.35	2/82.78
POLY-3 PERCENT (g)	3.7%	3.4%	1.2%	2.4%
TERMINAL (d)	2/66 (3%)	3/83 (4%)	1/71 (1%)	2/71 (3%)
FIRST INCIDENCE	690	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	3/90 (3%)			
HC TUMORS ALL ROUTES	15/490 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.342N	P=0.622N	P=0.290N	P=0.487N
POLY 1.5	P=0.342N	P=0.632N	P=0.295N	P=0.488N
POLY 6	P=0.345N	P=0.611N	P=0.287N	P=0.487N
COCH-ARM / FISHERS	P=0.346N	P=0.654N	P=0.310N	P=0.500N
MAX-ISO-POLY-3	P=0.370N	P=0.459N	P=0.150N	P=0.316N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.895			

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	9/90 (10%)	7/91 (8%)	5/90 (6%)	6/90 (7%)
POLY-3 RATE (b)	9/80.38	7/87.34	5/84.35	6/82.87
POLY-3 PERCENT (g)	11.2%	8%	5.9%	7.2%
TERMINAL (d)	8/66 (12%)	7/83 (8%)	5/71 (7%)	5/71 (7%)
FIRST INCIDENCE	690	729 (T)	729 (T)	707
HC TUMORS SAME ROUTE	9/90 (10%)			
HC TUMORS ALL ROUTES	65/490 (13%)			
STATISTICAL TESTS				
POLY 3	P=0.237N	P=0.331N	P=0.176N	P=0.273N
POLY 1.5	P=0.235N	P=0.349N	P=0.183N	P=0.276N
POLY 6	P=0.243N	P=0.313N	P=0.171N	P=0.273N
COCH-ARM / FISHERS	P=0.241N	P=0.388N	P=0.202N	P=0.296N
MAX-ISO-POLY-3	P=0.235N	P=0.251N	P=0.118N	P=0.195N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.398			

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Intestine Small: Jejunum Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/90 (2%)	0/91 (0%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	2/80.30	0/87.34	1/84.35	2/83.26
POLY-3 PERCENT (g)	2.5%	0%	1.2%	2.4%
TERMINAL (d)	1/66 (2%)	0/83 (0%)	1/71 (1%)	1/71 (1%)
FIRST INCIDENCE	711	---	729 (T)	585
HC TUMORS SAME ROUTE	2/90 (2%)			
HC TUMORS ALL ROUTES	7/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.463	P=0.220N	P=0.483N	P=0.680N
POLY 1.5	P=0.466	P=0.225N	P=0.488N	P=0.682N
POLY 6	P=0.458	P=0.215N	P=0.480N	P=0.679N
COCH-ARM / FISHERS	P=0.468	P=0.246N	P=0.500N	P=0.690N
MAX-ISO-POLY-3	P=0.405N	P=0.076N	P=0.272N	P=0.485N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.333	P=1.000	P=1.000	P=0.461
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.568			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Intestine Small: Site Unspecified Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	2/90 (2%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	2/82.78
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	2/71 (3%)
FIRST INCIDENCE	---	---	---	729 (T)
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	6/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.046*	(e)	(e)	P=0.245
POLY 1.5	P=0.046*	(e)	(e)	P=0.245
POLY 6	P=0.045*	(e)	(e)	P=0.245
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.249
MAX-ISO-POLY-3	P=0.039*	(e)	(e)	P=0.084
HISTCONT SAME RTE	P=0.137	(e)	(e)	P=0.310
HISTCONT ALL RTES	P=0.301	(e)	(e)	P=0.386
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.287			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Intestine Small: Site Unspecified Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/90 (3%)	0/91 (0%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	3/80.68	0/87.34	1/84.35	2/83.26
POLY-3 PERCENT (g)	3.7%	0%	1.2%	2.4%
TERMINAL (d)	1/66 (2%)	0/83 (0%)	1/71 (1%)	1/71 (1%)
FIRST INCIDENCE	622	---	729 (T)	585
HC TUMORS SAME ROUTE	3/90 (3%)			
HC TUMORS ALL ROUTES	8/490 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.566N	P=0.108N	P=0.291N	P=0.486N
POLY 1.5	P=0.562N	P=0.111N	P=0.295N	P=0.487N
POLY 6	P=0.572N	P=0.104N	P=0.289N	P=0.486N
COCH-ARM / FISHERS	P=0.557N	P=0.121N	P=0.310N	P=0.500N
MAX-ISO-POLY-3	P=0.184N	P=0.039N*	P=0.150N	P=0.315N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.435	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.274			

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 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Intestine Small: Site Unspecified Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/90 (3%)	0/91 (0%)	1/90 (1%)	4/90 (4%)
POLY-3 RATE (b)	3/80.68	0/87.34	1/84.35	4/83.26
POLY-3 PERCENT (g)	3.7%	0%	1.2%	4.8%
TERMINAL (d)	1/66 (2%)	0/83 (0%)	1/71 (1%)	3/71 (4%)
FIRST INCIDENCE	622	---	729 (T)	585
HC TUMORS SAME ROUTE	3/90 (3%)			
HC TUMORS ALL ROUTES	14/490 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.226	P=0.108N	P=0.291N	P=0.517
POLY 1.5	P=0.229	P=0.111N	P=0.295N	P=0.515
POLY 6	P=0.221	P=0.104N	P=0.289N	P=0.517
COCH-ARM / FISHERS	P=0.233	P=0.121N	P=0.310N	P=0.500
MAX-ISO-POLY-3	P=0.148	P=0.039N*	P=0.150N	P=0.367
HISTCONT SAME RTE	P=0.262	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.209	P=1.000	P=1.000	P=0.243
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.806			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Islets, Pancreatic Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/88 (0%)	2/90 (2%)	0/89 (0%)	0/89 (0%)
POLY-3 RATE (b)	0/79.07	2/86.34	0/83.89	0/82.06
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/65 (0%)	2/82 (2%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	0/88 (0%)			
HC TUMORS ALL ROUTES	6/485 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.388N	P=0.258	(e)	(e)
POLY 1.5	P=0.392N	P=0.254	(e)	(e)
POLY 6	P=0.384N	P=0.264	(e)	(e)
COCH-ARM / FISHERS	P=0.404N	P=0.254	(e)	(e)
MAX-ISO-POLY-3	P=0.269N	P=0.095	(e)	(e)
HISTCONT SAME RTE	P=0.511	P=0.316	(e)	(e)
HISTCONT ALL RTES	P=1.000	P=0.411	(e)	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.287			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney: Renal Tubule Adenoma				
TUMOR RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	0/80.23	0/86.95	0/84.35	1/82.78
POLY-3 PERCENT (g)	0%	0%	0%	1.2%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	1/71 (1%)
FIRST INCIDENCE	---	---	---	729 (T)
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	1/489 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	1/90 (1%)	4/89 (4%)	2/90 (2%)	1/90 (1%)
POLY-3 RATE (b)	1/80.25	4/86.95	2/84.35	1/82.78
POLY-3 PERCENT (g)	1.3%	4.6%	2.4%	1.2%
TERMINAL (d)	0/66 (0%)	4/83 (5%)	2/71 (3%)	1/71 (1%)
FIRST INCIDENCE	725	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	1/90 (1%)			
HC TUMORS ALL ROUTES	4/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.387N	P=0.207	P=0.517	P=0.754N
POLY 1.5	P=0.389N	P=0.198	P=0.512	P=0.754N
POLY 6	P=0.387N	P=0.217	P=0.520	P=0.754N
COCH-ARM / FISHERS	P=0.403N	P=0.180	P=0.500	P=0.751N
MAX-ISO-POLY-3	P=0.380N	P=0.111	P=0.300	P=0.490N
HISTCONT SAME RTE	P=0.420	P=0.262	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.295	P=0.021*	P=0.277	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.801			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
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 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	6/90 (7%)	6/89 (7%)	16/90 (18%)	7/90 (8%)
POLY-3 RATE (b)	6/80.30	6/86.95	16/84.57	7/82.78
POLY-3 PERCENT (g)	7.5%	6.9%	18.9%	8.5%
TERMINAL (d)	5/66 (8%)	6/83 (7%)	14/71 (20%)	7/71 (10%)
FIRST INCIDENCE	711	729 (T)	679	729 (T)
HC TUMORS SAME ROUTE	6/90 (7%)			
HC TUMORS ALL ROUTES	15/490 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.328	P=0.562N	P=0.026*	P=0.523
POLY 1.5	P=0.336	P=0.581N	P=0.024*	P=0.520
POLY 6	P=0.315	P=0.542N	P=0.027*	P=0.522
COCH-ARM / FISHERS	P=0.329	P=0.609	P=0.019*	P=0.500
MAX-ISO-POLY-3	P=0.142	P=0.444N	P=0.017*	P=0.408
HISTCONT SAME RTE	P=0.349	P=1.000	P=0.184	P=1.000
HISTCONT ALL RTES	P=0.018*	P=0.050*	P<0.001**	P=0.014*
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.091			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	52/90 (58%)	66/89 (74%)	55/90 (61%)	62/90 (69%)
POLY-3 RATE (b)	52/83.41	66/87.59	55/84.80	62/85.30
POLY-3 PERCENT (g)	62.3%	75.4%	64.9%	72.7%
TERMINAL (d)	45/66 (68%)	64/83 (77%)	51/71 (72%)	54/71 (76%)
FIRST INCIDENCE	393	625	656	478
HC TUMORS SAME ROUTE	52/90 (58%)			
HC TUMORS ALL ROUTES	261/490 (53%)			
STATISTICAL TESTS				
POLY 3	P=0.199	P=0.043*	P=0.428	P=0.096
POLY 1.5	P=0.215	P=0.033*	P=0.424	P=0.100
POLY 6	P=0.174	P=0.057	P=0.413	P=0.088
COCH-ARM / FISHERS	P=0.199	P=0.015*	P=0.381	P=0.082
MAX-ISO-POLY-3	P=0.112	P=0.033*	P=0.365	P=0.072
HISTCONT SAME RTE	P=0.190	P=0.176	P=0.295	P=0.182
HISTCONT ALL RTES	P=0.034*	P=0.010**	P=0.155	P=0.022*
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.447			

Experiment Number: 20105 - 75

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017

Time Report Requested: 11:32:46

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	28/90 (31%)	18/89 (20%)	25/90 (28%)	31/90 (34%)
POLY-3 RATE (b)	28/81.79	18/87.57	25/86.18	31/85.68
POLY-3 PERCENT (g)	34.2%	20.6%	29%	36.2%
TERMINAL (d)	18/66 (27%)	16/83 (19%)	18/71 (25%)	22/71 (31%)
FIRST INCIDENCE	608	629	559	461
HC TUMORS SAME ROUTE	28/90 (31%)			
HC TUMORS ALL ROUTES	144/490 (29%)			
STATISTICAL TESTS				
POLY 3	P=0.177	P=0.033N*	P=0.287N	P=0.459
POLY 1.5	P=0.178	P=0.040N*	P=0.310N	P=0.442
POLY 6	P=0.173	P=0.027N*	P=0.274N	P=0.470
COCH-ARM / FISHERS	P=0.166	P=0.067N	P=0.372N	P=0.375
MAX-ISO-POLY-3	P=0.170	P=0.026N*	P=0.239N	P=0.396
HISTCONT SAME RTE	P=0.308	P=1.000	P=1.000	P=0.347
HISTCONT ALL RTES	P=0.307	P=1.000	P=1.000	P=0.210
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.644			

Experiment Number: 20105 - 75

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocellular Carcinoma or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	32/90 (36%)	22/89 (25%)	37/90 (41%)	35/90 (39%)
POLY-3 RATE (b)	32/81.79	22/87.57	37/86.41	35/85.68
POLY-3 PERCENT (g)	39.1%	25.1%	42.8%	40.9%
TERMINAL (d)	22/66 (33%)	20/83 (24%)	28/71 (39%)	26/71 (37%)
FIRST INCIDENCE	608	629	559	461
HC TUMORS SAME ROUTE	32/90 (36%)			
HC TUMORS ALL ROUTES	154/490 (31%)			
STATISTICAL TESTS				
POLY 3	P=0.159	P=0.036N*	P=0.370	P=0.472
POLY 1.5	P=0.159	P=0.045N*	P=0.340	P=0.453
POLY 6	P=0.154	P=0.029N*	P=0.390	P=0.483
COCH-ARM / FISHERS	P=0.144	P=0.078N	P=0.270	P=0.379
MAX-ISO-POLY-3	P=0.152	P=0.028N*	P=0.317	P=0.410
HISTCONT SAME RTE	P=0.326	P=1.000	P=0.249	P=0.376
HISTCONT ALL RTES	P=0.119	P=1.000	P=0.053	P=0.101
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.352			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

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 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	67/90 (74%)	70/89 (79%)	66/90 (73%)	73/90 (81%)
POLY-3 RATE (b)	67/84.71	70/87.94	66/86.22	73/87.66
POLY-3 PERCENT (g)	79.1%	79.6%	76.6%	83.3%
TERMINAL (d)	51/66 (77%)	67/83 (81%)	58/71 (82%)	59/71 (83%)
FIRST INCIDENCE	393	625	559	461
HC TUMORS SAME ROUTE	67/90 (74%)			
HC TUMORS ALL ROUTES	343/490 (70%)			
STATISTICAL TESTS				
POLY 3	P=0.278	P=0.543	P=0.412N	P=0.302
POLY 1.5	P=0.274	P=0.489	P=0.422N	P=0.281
POLY 6	P=0.268	P=0.572N	P=0.438N	P=0.308
COCH-ARM / FISHERS	P=0.213	P=0.313	P=0.500N	P=0.185
MAX-ISO-POLY-3	P=0.347	P=0.467	P=0.341N	P=0.240
HISTCONT SAME RTE	P=0.174	P=1.000	P=1.000	P=0.231
HISTCONT ALL RTES	P=0.043*	P=0.113	P=0.278	P=0.033*
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.261			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	68/90 (76%)	70/89 (79%)	69/90 (77%)	75/90 (83%)
POLY-3 RATE (b)	68/84.71	70/87.94	69/86.44	75/87.66
POLY-3 PERCENT (g)	80.3%	79.6%	79.8%	85.6%
TERMINAL (d)	52/66 (79%)	67/83 (81%)	59/71 (83%)	61/71 (86%)
FIRST INCIDENCE	393	625	559	461
HC TUMORS SAME ROUTE	68/90 (76%)			
HC TUMORS ALL ROUTES	346/490 (71%)			
STATISTICAL TESTS				
POLY 3	P=0.175	P=0.532N	P=0.548N	P=0.230
POLY 1.5	P=0.174	P=0.565	P=0.561N	P=0.213
POLY 6	P=0.166	P=0.494N	P=0.567N	P=0.233
COCH-ARM / FISHERS	P=0.131	P=0.377	P=0.500	P=0.134
MAX-ISO-POLY-3	P=0.273	P=0.454N	P=0.468N	P=0.176
HISTCONT SAME RTE	P=0.128	P=1.000	P=1.000	P=0.212
HISTCONT ALL RTES	P=0.017*	P=0.129	P=0.123	P=0.017*
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.204			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

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 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocholangiocarcinoma				
TUMOR RATES				
OVERALL (a)	1/90 (1%)	0/89 (0%)	0/90 (0%)	2/90 (2%)
POLY-3 RATE (b)	1/80.71	0/86.95	0/84.35	2/82.81
POLY-3 PERCENT (g)	1.2%	0%	0%	2.4%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	1/71 (1%)
FIRST INCIDENCE	588	---	---	723
HC TUMORS SAME ROUTE	1/90 (1%)			
HC TUMORS ALL ROUTES	6/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.241	P=0.485N	P=0.491N	P=0.509
POLY 1.5	P=0.244	P=0.490N	P=0.493N	P=0.508
POLY 6	P=0.237	P=0.480N	P=0.490N	P=0.508
COCH-ARM / FISHERS	P=0.247	P=0.503N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.144	P=0.159N	P=0.159N	P=0.291
HISTCONT SAME RTE	P=0.190	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.326	P=1.000	P=1.000	P=0.391
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.929			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	13/90 (14%)	8/91 (9%)	16/90 (18%)	12/90 (13%)
POLY-3 RATE (b)	13/81.29	8/87.80	16/84.35	12/83.26
POLY-3 PERCENT (g)	16%	9.1%	19%	14.4%
TERMINAL (d)	9/66 (14%)	7/83 (8%)	15/71 (21%)	11/71 (16%)
FIRST INCIDENCE	488	594	727	585
HC TUMORS SAME ROUTE	13/90 (14%)			
HC TUMORS ALL ROUTES	73/490 (15%)			
STATISTICAL TESTS				
POLY 3	P=0.441	P=0.131N	P=0.382	P=0.474N
POLY 1.5	P=0.450	P=0.142N	P=0.373	P=0.475N
POLY 6	P=0.424	P=0.119N	P=0.385	P=0.477N
COCH-ARM / FISHERS	P=0.444	P=0.170N	P=0.343	P=0.500N
MAX-ISO-POLY-3	P=0.360	P=0.095N	P=0.311	P=0.389N
HISTCONT SAME RTE	P=0.388	P=1.000	P=0.276	P=1.000
HISTCONT ALL RTES	P=0.638	P=1.000	P=0.305	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.897			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	13/90 (14%)	13/91 (14%)	11/90 (12%)	11/90 (12%)
POLY-3 RATE (b)	13/80.76	13/88.34	11/85.09	11/83.85
POLY-3 PERCENT (g)	16.1%	14.7%	12.9%	13.1%
TERMINAL (d)	12/66 (18%)	10/83 (12%)	9/71 (13%)	8/71 (11%)
FIRST INCIDENCE	568	625	588	518
HC TUMORS SAME ROUTE	13/90 (14%)			
HC TUMORS ALL ROUTES	57/490 (12%)			
STATISTICAL TESTS				
POLY 3	P=0.326N	P=0.486N	P=0.360N	P=0.375N
POLY 1.5	P=0.325N	P=0.514N	P=0.375N	P=0.381N
POLY 6	P=0.332N	P=0.453N	P=0.348N	P=0.370N
COCH-ARM / FISHERS	P=0.341N	P=0.572N	P=0.413N	P=0.413N
MAX-ISO-POLY-3	P=0.469N	P=0.404N	P=0.287N	P=0.298N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.692	P=0.349	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.447			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	23/90 (26%)	21/91 (23%)	25/90 (28%)	21/90 (23%)
POLY-3 RATE (b)	23/81.82	21/88.80	25/85.10	21/84.34
POLY-3 PERCENT (g)	28.1%	23.7%	29.4%	24.9%
TERMINAL (d)	18/66 (27%)	17/83 (21%)	22/71 (31%)	17/71 (24%)
FIRST INCIDENCE	488	594	588	518
HC TUMORS SAME ROUTE	23/90 (26%)			
HC TUMORS ALL ROUTES	123/490 (25%)			
STATISTICAL TESTS				
POLY 3	P=0.444N	P=0.312N	P=0.496	P=0.385N
POLY 1.5	P=0.437N	P=0.344N	P=0.480	P=0.391N
POLY 6	P=0.461N	P=0.277N	P=0.504	P=0.383N
COCH-ARM / FISHERS	P=0.457N	P=0.415N	P=0.433	P=0.431N
MAX-ISO-POLY-3	P=0.515N	P=0.261N	P=0.428	P=0.322N
HISTCONT SAME RTE	P=0.572	P=1.000	P=0.476	P=1.000
HISTCONT ALL RTES	P=0.766	P=1.000	P=0.357	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.934			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mammary Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	1/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mammary Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	1/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mammary Gland				
Fibroma, Fibroadenoma, Carcinoma, or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	1/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mesentery				
Lipoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/90 (1%)	0/91 (0%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	1/80.23	0/87.34	2/84.35	0/82.78
POLY-3 PERCENT (g)	1.3%	0%	2.4%	0%
TERMINAL (d)	1/66 (2%)	0/83 (0%)	2/71 (3%)	0/71 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
HC TUMORS SAME ROUTE	1/90 (1%)			
HC TUMORS ALL ROUTES	1/490 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.466N	P=0.483N	P=0.517	P=0.494N
POLY 1.5	P=0.462N	P=0.488N	P=0.513	P=0.495N
POLY 6	P=0.471N	P=0.478N	P=0.521	P=0.494N
COCH-ARM / FISHERS	P=0.462N	P=0.497N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.333N	P=0.158N	P=0.300	P=0.159N
HISTCONT SAME RTE	P=0.567	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.177	P=1.000	P=0.009**	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.164			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	0/86 (0%)	0/84 (0%)	2/89 (2%)	0/83 (0%)
POLY-3 RATE (b)	0/77.74	0/80.99	2/83.90	0/77.54
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/64 (0%)	0/77 (0%)	0/70 (0%)	0/68 (0%)
FIRST INCIDENCE	---	---	571	---
HC TUMORS SAME ROUTE	0/86 (0%)			
HC TUMORS ALL ROUTES	2/481 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.597	(e)	P=0.256	(e)
POLY 1.5	P=0.598	(e)	P=0.253	(e)
POLY 6	P=0.596	(e)	P=0.258	(e)
COCH-ARM / FISHERS	P=0.591	(e)	P=0.257	(e)
MAX-ISO-POLY-3	P=0.269	(e)	P=0.092	(e)
HISTCONT SAME RTE	P=0.388	(e)	P=0.315	(e)
HISTCONT ALL RTES	P=0.334	(e)	P=0.048*	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.472			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/86 (0%)	0/84 (0%)	3/89 (3%)	0/83 (0%)
POLY-3 RATE (b)	0/77.74	0/80.99	3/84.47	0/77.54
POLY-3 PERCENT (g)	0%	0%	3.6%	0%
TERMINAL (d)	0/64 (0%)	0/77 (0%)	0/70 (0%)	0/68 (0%)
FIRST INCIDENCE	---	---	549	---
HC TUMORS SAME ROUTE	0/86 (0%)			
HC TUMORS ALL ROUTES	2/481 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.540	(e)	P=0.137	(e)
POLY 1.5	P=0.541	(e)	P=0.134	(e)
POLY 6	P=0.539	(e)	P=0.139	(e)
COCH-ARM / FISHERS	P=0.533	(e)	P=0.129	(e)
MAX-ISO-POLY-3	P=0.188	(e)	P=0.051	(e)
HISTCONT SAME RTE	P=0.387	(e)	P=0.258	(e)
HISTCONT ALL RTEs	P=0.215	(e)	P=0.005**	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.472			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skeletal Muscle				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	3/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	1/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	3/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/90 (1%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	1/80.34	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	1.2%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	702	---	---	---
HC TUMORS SAME ROUTE	1/90 (1%)			
HC TUMORS ALL ROUTES	3/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Malignant Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/90 (1%)	1/91 (1%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	1/80.44	1/87.34	2/84.50	0/82.78
POLY-3 PERCENT (g)	1.2%	1.1%	2.4%	0%
TERMINAL (d)	0/66 (0%)	1/83 (1%)	1/71 (1%)	0/71 (0%)
FIRST INCIDENCE	674	729 (T)	689	---
HC TUMORS SAME ROUTE	1/90 (1%)			
HC TUMORS ALL ROUTES	1/490 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.365N	P=0.742N	P=0.517	P=0.494N
POLY 1.5	P=0.364N	P=0.747N	P=0.512	P=0.495N
POLY 6	P=0.369N	P=0.736N	P=0.520	P=0.495N
COCH-ARM / FISHERS	P=0.368N	P=0.749N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.294N	P=0.476N	P=0.300	P=0.159N
HISTCONT SAME RTE	P=0.747	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.198	P=0.263	P=0.008**	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.165			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	1/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spleen				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/87 (0%)	2/89 (2%)	1/87 (1%)	2/86 (2%)
POLY-3 RATE (b)	0/79.50	2/86.95	1/81.60	2/80.08
POLY-3 PERCENT (g)	0%	2.3%	1.2%	2.5%
TERMINAL (d)	0/66 (0%)	2/83 (2%)	1/70 (1%)	2/71 (3%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	0/87 (0%)			
HC TUMORS ALL ROUTES	7/483 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.246	P=0.259	P=0.505	P=0.240
POLY 1.5	P=0.245	P=0.253	P=0.503	P=0.239
POLY 6	P=0.247	P=0.265	P=0.506	P=0.241
COCH-ARM / FISHERS	P=0.241	P=0.254	P=0.500	P=0.246
MAX-ISO-POLY-3	P=0.163	P=0.095	P=0.165	P=0.079
HISTCONT SAME RTE	P=0.106	P=0.316	P=1.000	P=0.308
HISTCONT ALL RTES	P=0.447	P=1.000	P=1.000	P=0.447
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.241			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Testis				
Adenoma				
TUMOR RATES				
OVERALL (a)	2/90 (2%)	2/91 (2%)	0/88 (0%)	0/90 (0%)
POLY-3 RATE (b)	2/80.23	2/87.34	0/82.35	0/82.78
POLY-3 PERCENT (g)	2.5%	2.3%	0%	0%
TERMINAL (d)	2/66 (3%)	2/83 (2%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
HC TUMORS SAME ROUTE	2/90 (2%)			
HC TUMORS ALL ROUTES	2/90 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.086N	P=0.662N	P=0.233N	P=0.231N
POLY 1.5	P=0.086N	P=0.670N	P=0.236N	P=0.232N
POLY 6	P=0.086N	P=0.652N	P=0.231N	P=0.231N
COCH-ARM / FISHERS	P=0.088N	P=0.685N	P=0.254N	P=0.249N
MAX-ISO-POLY-3	P=0.122N	P=0.466N	P=0.078N	P=0.077N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Thyroid Gland: Follicular Cell Adenoma				
TUMOR RATES				
OVERALL (a)	0/89 (0%)	1/89 (1%)	1/88 (1%)	1/87 (1%)
POLY-3 RATE (b)	0/80.23	1/85.34	1/82.35	1/80.06
POLY-3 PERCENT (g)	0%	1.2%	1.2%	1.3%
TERMINAL (d)	0/66 (0%)	1/81 (1%)	1/69 (1%)	1/69 (1%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	0/89 (0%)			
HC TUMORS ALL ROUTES	2/488 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/90 (1%)	1/91 (1%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	1/80.23	1/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	1.3%	1.1%	0%	0%
TERMINAL (d)	1/66 (2%)	1/83 (1%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
HC TUMORS SAME ROUTE	1/90 (1%)			
HC TUMORS ALL ROUTES	6/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017

Time Report Requested: 11:32:46

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/90 (2%)	7/91 (8%)	4/90 (4%)	3/90 (3%)
POLY-3 RATE (b)	2/80.35	7/87.34	4/84.35	3/82.78
POLY-3 PERCENT (g)	2.5%	8%	4.7%	3.6%
TERMINAL (d)	0/66 (0%)	7/83 (8%)	4/71 (6%)	3/71 (4%)
FIRST INCIDENCE	702	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	2/90 (2%)			
HC TUMORS ALL ROUTES	15/490 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.483N	P=0.107	P=0.362	P=0.513
POLY 1.5	P=0.484N	P=0.101	P=0.356	P=0.512
POLY 6	P=0.485N	P=0.114	P=0.365	P=0.513
COCH-ARM / FISHERS	P=0.502N	P=0.087	P=0.341	P=0.500
MAX-ISO-POLY-3	P=0.306	P=0.063	P=0.227	P=0.339
HISTCONT SAME RTE	P=0.319	P=0.217	P=0.322	P=1.000
HISTCONT ALL RTES	P=0.367	P=0.028*	P=0.364	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.673			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/90 (3%)	8/91 (9%)	4/90 (4%)	3/90 (3%)
POLY-3 RATE (b)	3/80.35	8/87.34	4/84.35	3/82.78
POLY-3 PERCENT (g)	3.7%	9.2%	4.7%	3.6%
TERMINAL (d)	1/66 (2%)	8/83 (10%)	4/71 (6%)	3/71 (4%)
FIRST INCIDENCE	702	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	3/90 (3%)			
HC TUMORS ALL ROUTES	21/490 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.325N	P=0.135	P=0.526	P=0.647N
POLY 1.5	P=0.326N	P=0.127	P=0.519	P=0.648N
POLY 6	P=0.327N	P=0.144	P=0.530	P=0.648N
COCH-ARM / FISHERS	P=0.343N	P=0.110	P=0.500	P=0.659N
MAX-ISO-POLY-3	P=0.338N	P=0.086	P=0.376	P=0.485N
HISTCONT SAME RTE	P=0.461	P=0.219	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.615	P=0.079	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.696			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	2/91 (2%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	0/80.23	2/87.42	1/84.82	2/83.60
POLY-3 PERCENT (g)	0%	2.3%	1.2%	2.4%
TERMINAL (d)	0/66 (0%)	1/83 (1%)	0/71 (0%)	1/71 (1%)
FIRST INCIDENCE	---	711	588	416
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	3/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.259	P=0.258	P=0.511	P=0.248
POLY 1.5	P=0.257	P=0.252	P=0.508	P=0.246
POLY 6	P=0.259	P=0.264	P=0.514	P=0.248
COCH-ARM / FISHERS	P=0.245	P=0.251	P=0.500	P=0.249
MAX-ISO-POLY-3	P=0.176	P=0.095	P=0.173	P=0.086
HISTCONT SAME RTE	P=0.116	P=0.316	P=1.000	P=0.311
HISTCONT ALL RTES	P=0.072	P=0.104	P=1.000	P=0.095
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.452			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Leukemia: Granulocytic				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	1/83.05
POLY-3 PERCENT (g)	0%	0%	0%	1.2%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	656
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	6/90 (7%)	3/91 (3%)	5/90 (6%)	4/90 (4%)
POLY-3 RATE (b)	6/81.94	3/87.34	5/84.66	4/82.78
POLY-3 PERCENT (g)	7.3%	3.4%	5.9%	4.8%
TERMINAL (d)	4/66 (6%)	3/83 (4%)	3/71 (4%)	4/71 (6%)
FIRST INCIDENCE	263	729 (T)	674	729 (T)
HC TUMORS SAME ROUTE	6/90 (7%)			
HC TUMORS ALL ROUTES	43/490 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.413N	P=0.217N	P=0.478N	P=0.366N
POLY 1.5	P=0.408N	P=0.225N	P=0.485N	P=0.365N
POLY 6	P=0.422N	P=0.207N	P=0.472N	P=0.368N
COCH-ARM / FISHERS	P=0.405N	P=0.243N	P=0.500N	P=0.373N
MAX-ISO-POLY-3	P=0.375N	P=0.137N	P=0.358N	P=0.254N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.466			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Osteosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Osteosarcoma or Osteoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/91 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/87.34	0/84.35	0/82.78
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/83 (0%)	0/71 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017

Time Report Requested: 11:32:46

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	61/90 (68%)	70/91 (77%)	63/90 (70%)	70/90 (78%)
POLY-3 RATE (b)	61/84.21	70/88.44	63/85.33	70/85.79
POLY-3 PERCENT (g)	72.4%	79.2%	73.8%	81.6%
TERMINAL (d)	51/66 (77%)	67/83 (81%)	57/71 (80%)	61/71 (86%)
FIRST INCIDENCE	393	594	571	478
HC TUMORS SAME ROUTE	61/90 (68%)			
HC TUMORS ALL ROUTES	334/490 (68%)			
STATISTICAL TESTS				
POLY 3	P=0.134	P=0.192	P=0.487	P=0.099
POLY 1.5	P=0.151	P=0.167	P=0.485	P=0.108
POLY 6	P=0.108	P=0.230	P=0.468	P=0.086
COCH-ARM / FISHERS	P=0.138	P=0.113	P=0.436	P=0.090
MAX-ISO-POLY-3	P=0.118	P=0.151	P=0.415	P=0.071
HISTCONT SAME RTE	P=0.102	P=0.200	P=0.436	P=0.183
HISTCONT ALL RTES	P=0.164	P=0.173	P=0.459	P=0.100
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.990			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	49/90 (54%)	42/91 (46%)	58/90 (64%)	50/90 (56%)
POLY-3 RATE (b)	49/85.04	42/88.41	58/87.31	50/87.84
POLY-3 PERCENT (g)	57.6%	47.5%	66.4%	56.9%
TERMINAL (d)	33/66 (50%)	38/83 (46%)	45/71 (63%)	36/71 (51%)
FIRST INCIDENCE	263	625	549	416
HC TUMORS SAME ROUTE	49/90 (54%)			
HC TUMORS ALL ROUTES	260/490 (53%)			
STATISTICAL TESTS				
POLY 3	P=0.320	P=0.117N	P=0.148	P=0.524N
POLY 1.5	P=0.309	P=0.127N	P=0.138	P=0.541N
POLY 6	P=0.320	P=0.110N	P=0.150	P=0.518N
COCH-ARM / FISHERS	P=0.256	P=0.167N	P=0.112	P=0.500
MAX-ISO-POLY-3	P=0.179	P=0.094N	P=0.118	P=0.463N
HISTCONT SAME RTE	P=0.330	P=1.000	P=0.191	P=1.000
HISTCONT ALL RTES	P=0.186	P=1.000	P=0.009**	P=0.370
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.660			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

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

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	79/90 (88%)	80/91 (88%)	82/90 (91%)	84/90 (93%)
POLY-3 RATE (b)	79/87.59	80/88.87	82/87.86	84/89.39
POLY-3 PERCENT (g)	90.2%	90%	93.3%	94%
TERMINAL (d)	59/66 (89%)	75/83 (90%)	67/71 (94%)	67/71 (94%)
FIRST INCIDENCE	263	594	549	416
HC TUMORS SAME ROUTE	79/90 (88%)			
HC TUMORS ALL ROUTES	429/490 (88%)			
STATISTICAL TESTS				
POLY 3	P=0.159	P=0.586N	P=0.309	P=0.251
POLY 1.5	P=0.152	P=0.571N	P=0.320	P=0.242
POLY 6	P=0.153	P=0.593N	P=0.280	P=0.247
COCH-ARM / FISHERS	P=0.097	P=0.579	P=0.314	P=0.154
MAX-ISO-POLY-3	P=0.256	P=0.484N	P=0.218	P=0.172
HISTCONT SAME RTE	P=0.128	P=1.000	P=0.257	P=0.237
HISTCONT ALL RTES	P=0.116	P=0.453	P=0.166	P=0.127
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.744			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	1/84 (1%)	0/88 (0%)	0/87 (0%)	0/88 (0%)
POLY-3 RATE (b)	1/73.96	0/82.83	0/81.68	0/81.79
POLY-3 PERCENT (g)	1.4%	0%	0%	0%
TERMINAL (d)	1/62 (2%)	0/73 (0%)	0/68 (0%)	0/70 (0%)
FIRST INCIDENCE	739 (T)	---	---	---
HC TUMORS SAME ROUTE	1/84 (1%)			
HC TUMORS ALL ROUTES	3/482 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Adrenal Medulla				
Pheochromocytoma Malignant				
TUMOR RATES				
OVERALL (a)	2/83 (2%)	0/87 (0%)	0/84 (0%)	0/84 (0%)
POLY-3 RATE (b)	2/72.96	0/81.83	0/78.71	0/77.79
POLY-3 PERCENT (g)	2.7%	0%	0%	0%
TERMINAL (d)	2/61 (3%)	0/72 (0%)	0/66 (0%)	0/66 (0%)
FIRST INCIDENCE	739 (T)	---	---	---
HC TUMORS SAME ROUTE	2/83 (2%)			
HC TUMORS ALL ROUTES	2/480 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.120N	P=0.214N	P=0.222N	P=0.224N
POLY 1.5	P=0.116N	P=0.221N	P=0.228N	P=0.229N
POLY 6	P=0.124N	P=0.205N	P=0.215N	P=0.219N
COCH-ARM / FISHERS	P=0.115N	P=0.237N	P=0.246N	P=0.246N
MAX-ISO-POLY-3	P=0.032N*	P=0.074N	P=0.076N	P=0.076N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.048*			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017

Time Report Requested: 11:32:46

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	2/83 (2%)	0/87 (0%)	1/84 (1%)	1/84 (1%)
POLY-3 RATE (b)	2/72.96	0/81.83	1/78.71	1/77.79
POLY-3 PERCENT (g)	2.7%	0%	1.3%	1.3%
TERMINAL (d)	2/61 (3%)	0/72 (0%)	1/66 (2%)	1/66 (2%)
FIRST INCIDENCE	739 (T)	---	739 (T)	739 (T)
HC TUMORS SAME ROUTE	2/83 (2%)			
HC TUMORS ALL ROUTES	8/480 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.505N	P=0.214N	P=0.474N	P=0.478N
POLY 1.5	P=0.501N	P=0.221N	P=0.483N	P=0.485N
POLY 6	P=0.510N	P=0.205N	P=0.463N	P=0.469N
COCH-ARM / FISHERS	P=0.501N	P=0.237N	P=0.495N	P=0.495N
MAX-ISO-POLY-3	P=0.258N	P=0.074N	P=0.266N	P=0.269N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.617			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Bone				
Osteosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/90 (1%)	2/89 (2%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	1/80.25	2/84.13	1/84.35	2/84.20
POLY-3 PERCENT (g)	1.3%	2.4%	1.2%	2.4%
TERMINAL (d)	0/67 (0%)	1/74 (1%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	642	656	499	500
HC TUMORS SAME ROUTE	1/90 (1%)			
HC TUMORS ALL ROUTES	1/490 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.463	P=0.516	P=0.749N	P=0.517
POLY 1.5	P=0.456	P=0.506	P=0.754N	P=0.509
POLY 6	P=0.470	P=0.530	P=0.743N	P=0.526
COCH-ARM / FISHERS	P=0.446	P=0.496	P=0.751N	P=0.500
MAX-ISO-POLY-3	P=0.480	P=0.300	P=0.485N	P=0.300
HISTCONT SAME RTE	P=0.204	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.008**	P=0.008**	P=0.253	P=0.009**
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.164			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/90 (4%)	8/89 (9%)	8/90 (9%)	4/90 (4%)
POLY-3 RATE (b)	4/79.90	8/83.83	8/83.80	4/82.82
POLY-3 PERCENT (g)	5%	9.5%	9.6%	4.8%
TERMINAL (d)	4/67 (6%)	8/74 (11%)	7/69 (10%)	4/71 (6%)
FIRST INCIDENCE	739 (T)	739 (T)	704	739 (T)
HC TUMORS SAME ROUTE	4/90 (4%)			
HC TUMORS ALL ROUTES	28/490 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.415N	P=0.208	P=0.208	P=0.621N
POLY 1.5	P=0.427N	P=0.193	P=0.197	P=0.631N
POLY 6	P=0.401N	P=0.229	P=0.223	P=0.609N
COCH-ARM / FISHERS	P=0.440N	P=0.180	P=0.185	P=0.640N
MAX-ISO-POLY-3	P=0.354N	P=0.139	P=0.138	P=0.478N
HISTCONT SAME RTE	P=0.361	P=0.234	P=0.234	P=1.000
HISTCONT ALL RTES	P=0.574	P=0.213	P=0.215	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.658			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Harderian Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	1/89 (1%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	0/79.90	1/83.83	1/83.66	2/83.13
POLY-3 PERCENT (g)	0%	1.2%	1.2%	2.4%
TERMINAL (d)	0/67 (0%)	1/74 (1%)	1/69 (1%)	1/71 (1%)
FIRST INCIDENCE	---	739 (T)	739 (T)	653
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	12/490 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.162	P=0.510	P=0.509	P=0.247
POLY 1.5	P=0.159	P=0.503	P=0.505	P=0.243
POLY 6	P=0.167	P=0.518	P=0.515	P=0.253
COCH-ARM / FISHERS	P=0.155	P=0.497	P=0.500	P=0.249
MAX-ISO-POLY-3	P=0.136	P=0.171	P=0.170	P=0.086
HISTCONT SAME RTE	P=0.073	P=1.000	P=1.000	P=0.311
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.153			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/90 (4%)	9/89 (10%)	9/90 (10%)	6/90 (7%)
POLY-3 RATE (b)	4/79.90	9/83.83	9/83.80	6/83.13
POLY-3 PERCENT (g)	5%	10.7%	10.7%	7.2%
TERMINAL (d)	4/67 (6%)	9/74 (12%)	8/69 (12%)	5/71 (7%)
FIRST INCIDENCE	739 (T)	739 (T)	704	653
HC TUMORS SAME ROUTE	4/90 (4%)			
HC TUMORS ALL ROUTES	40/490 (8%)			
STATISTICAL TESTS				
POLY 3	P=0.482	P=0.143	P=0.143	P=0.397
POLY 1.5	P=0.467	P=0.130	P=0.134	P=0.385
POLY 6	P=0.501	P=0.161	P=0.155	P=0.413
COCH-ARM / FISHERS	P=0.450	P=0.120	P=0.124	P=0.373
MAX-ISO-POLY-3	P=0.249	P=0.093	P=0.092	P=0.283
HISTCONT SAME RTE	P=0.215	P=0.216	P=0.216	P=0.328
HISTCONT ALL RTES	P=0.733	P=0.394	P=0.396	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.257			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Intestine Small: Jejunum Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	0/83.83	0/83.66	0/82.82
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/74 (0%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Intestine Small: Site Unspecified Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	0/83.83	0/83.66	0/82.82
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/74 (0%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	3/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Intestine Small: Site Unspecified Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	0/83.83	0/83.66	0/82.82
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/74 (0%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Intestine Small: Site Unspecified Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	0/83.83	0/83.66	0/82.82
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/74 (0%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	3/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Islets, Pancreatic Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/87 (1%)	0/88 (0%)	0/89 (0%)	1/87 (1%)
POLY-3 RATE (b)	1/78.53	0/83.19	0/82.84	1/80.42
POLY-3 PERCENT (g)	1.3%	0%	0%	1.2%
TERMINAL (d)	1/67 (2%)	0/74 (0%)	0/69 (0%)	1/71 (1%)
FIRST INCIDENCE	739 (T)	---	---	739 (T)
HC TUMORS SAME ROUTE	1/87 (1%)			
HC TUMORS ALL ROUTES	4/486 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney: Renal Tubule Adenoma				
TUMOR RATES				
OVERALL (a)	2/89 (2%)	0/89 (0%)	0/88 (0%)	0/87 (0%)
POLY-3 RATE (b)	2/79.24	0/83.83	0/83.11	0/81.20
POLY-3 PERCENT (g)	2.5%	0%	0%	0%
TERMINAL (d)	2/67 (3%)	0/74 (0%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	739 (T)	---	---	---
HC TUMORS SAME ROUTE	2/89 (2%)			
HC TUMORS ALL ROUTES	3/488 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.121N	P=0.226N	P=0.228N	P=0.233N
POLY 1.5	P=0.119N	P=0.233N	P=0.233N	P=0.237N
POLY 6	P=0.125N	P=0.218N	P=0.222N	P=0.228N
COCH-ARM / FISHERS	P=0.117N	P=0.249N	P=0.251N	P=0.254N
MAX-ISO-POLY-3	P=0.034N*	P=0.077N	P=0.078N	P=0.078N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.126			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/89 (0%)	1/88 (1%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/79.49	1/83.22	0/83.66	0/82.82
POLY-3 PERCENT (g)	0%	1.2%	0%	0%
TERMINAL (d)	0/67 (0%)	0/73 (0%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	---	626	---	---
HC TUMORS SAME ROUTE	0/89 (0%)			
HC TUMORS ALL ROUTES	1/489 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	1/89 (1%)	0/88 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	1/79.49	0/82.83	0/83.66	0/82.82
POLY-3 PERCENT (g)	1.3%	0%	0%	0%
TERMINAL (d)	1/67 (2%)	0/73 (0%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	739 (T)	---	---	---
HC TUMORS SAME ROUTE	1/89 (1%)			
HC TUMORS ALL ROUTES	4/489 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	19/89 (21%)	24/88 (27%)	22/90 (24%)	20/90 (22%)
POLY-3 RATE (b)	19/80.60	24/83.48	22/84.67	20/83.07
POLY-3 PERCENT (g)	23.6%	28.8%	26%	24.1%
TERMINAL (d)	17/67 (25%)	22/73 (30%)	17/69 (25%)	18/71 (25%)
FIRST INCIDENCE	511	579	644	679
HC TUMORS SAME ROUTE	19/89 (21%)			
HC TUMORS ALL ROUTES	101/489 (21%)			
STATISTICAL TESTS				
POLY 3	P=0.466N	P=0.282	P=0.429	P=0.543
POLY 1.5	P=0.475N	P=0.250	P=0.402	P=0.527
POLY 6	P=0.453N	P=0.327	P=0.469	P=0.566
COCH-ARM / FISHERS	P=0.482N	P=0.229	P=0.377	P=0.516
MAX-ISO-POLY-3	P=0.551	P=0.230	P=0.362	P=0.469
HISTCONT SAME RTE	P=0.345	P=0.223	P=0.308	P=1.000
HISTCONT ALL RTES	P=0.411	P=0.087	P=0.255	P=0.449
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.902			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	8/89 (9%)	5/88 (6%)	5/90 (6%)	5/90 (6%)
POLY-3 RATE (b)	8/79.79	5/83.35	5/83.89	5/82.82
POLY-3 PERCENT (g)	10%	6%	6%	6%
TERMINAL (d)	7/67 (10%)	3/73 (4%)	3/69 (4%)	5/71 (7%)
FIRST INCIDENCE	656	639	692	739 (T)
HC TUMORS SAME ROUTE	8/89 (9%)			
HC TUMORS ALL ROUTES	54/489 (11%)			
STATISTICAL TESTS				
POLY 3	P=0.255N	P=0.255N	P=0.251N	P=0.259N
POLY 1.5	P=0.256N	P=0.274N	P=0.263N	P=0.267N
POLY 6	P=0.255N	P=0.232N	P=0.236N	P=0.248N
COCH-ARM / FISHERS	P=0.258N	P=0.290N	P=0.276N	P=0.276N
MAX-ISO-POLY-3	P=0.263N	P=0.178N	P=0.174N	P=0.178N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.558			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocellular Carcinoma or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	9/89 (10%)	5/88 (6%)	5/90 (6%)	5/90 (6%)
POLY-3 RATE (b)	9/79.79	5/83.35	5/83.89	5/82.82
POLY-3 PERCENT (g)	11.3%	6%	6%	6%
TERMINAL (d)	8/67 (12%)	3/73 (4%)	3/69 (4%)	5/71 (7%)
FIRST INCIDENCE	656	639	692	739 (T)
HC TUMORS SAME ROUTE	9/89 (10%)			
HC TUMORS ALL ROUTES	56/489 (12%)			
STATISTICAL TESTS				
POLY 3	P=0.186N	P=0.178N	P=0.174N	P=0.181N
POLY 1.5	P=0.186N	P=0.194N	P=0.185N	P=0.189N
POLY 6	P=0.186N	P=0.158N	P=0.162N	P=0.172N
COCH-ARM / FISHERS	P=0.187N	P=0.209N	P=0.196N	P=0.196N
MAX-ISO-POLY-3	P=0.163N	P=0.120N	P=0.117N	P=0.121N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.708			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	25/89 (28%)	29/88 (33%)	26/90 (29%)	22/90 (24%)
POLY-3 RATE (b)	25/80.90	29/84.00	26/84.90	22/83.07
POLY-3 PERCENT (g)	30.9%	34.5%	30.6%	26.5%
TERMINAL (d)	22/67 (33%)	25/73 (34%)	19/69 (28%)	20/71 (28%)
FIRST INCIDENCE	511	579	644	679
HC TUMORS SAME ROUTE	25/89 (28%)			
HC TUMORS ALL ROUTES	140/489 (29%)			
STATISTICAL TESTS				
POLY 3	P=0.217N	P=0.371	P=0.552N	P=0.325N
POLY 1.5	P=0.223N	P=0.326	P=0.549	P=0.340N
POLY 6	P=0.211N	P=0.433	P=0.506N	P=0.304N
COCH-ARM / FISHERS	P=0.228N	P=0.295	P=0.519	P=0.350N
MAX-ISO-POLY-3	P=0.317N	P=0.313	P=0.484N	P=0.267N
HISTCONT SAME RTE	P=1.000	P=0.254	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.287	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.890			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	25/89 (28%)	29/88 (33%)	26/90 (29%)	22/90 (24%)
POLY-3 RATE (b)	25/80.90	29/84.00	26/84.90	22/83.07
POLY-3 PERCENT (g)	30.9%	34.5%	30.6%	26.5%
TERMINAL (d)	22/67 (33%)	25/73 (34%)	19/69 (28%)	20/71 (28%)
FIRST INCIDENCE	511	579	644	679
HC TUMORS SAME ROUTE	25/89 (28%)			
HC TUMORS ALL ROUTES	141/489 (29%)			
STATISTICAL TESTS				
POLY 3	P=0.217N	P=0.371	P=0.552N	P=0.325N
POLY 1.5	P=0.223N	P=0.326	P=0.549	P=0.340N
POLY 6	P=0.211N	P=0.433	P=0.506N	P=0.304N
COCH-ARM / FISHERS	P=0.228N	P=0.295	P=0.519	P=0.350N
MAX-ISO-POLY-3	P=0.317N	P=0.313	P=0.484N	P=0.267N
HISTCONT SAME RTE	P=1.000	P=0.254	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.298	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.862			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Hepatocholangiocarcinoma				
TUMOR RATES				
OVERALL (a)	0/89 (0%)	0/88 (0%)	1/90 (1%)	0/90 (0%)
POLY-3 RATE (b)	0/79.49	0/82.83	1/83.93	0/82.82
POLY-3 PERCENT (g)	0%	0%	1.2%	0%
TERMINAL (d)	0/67 (0%)	0/73 (0%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	667	---
HC TUMORS SAME ROUTE	0/89 (0%)			
HC TUMORS ALL ROUTES	1/489 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017

Time Report Requested: 11:32:46

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	3/90 (3%)	6/89 (7%)	4/90 (4%)	2/90 (2%)
POLY-3 RATE (b)	3/79.90	6/83.84	4/83.66	2/82.82
POLY-3 PERCENT (g)	3.8%	7.2%	4.8%	2.4%
TERMINAL (d)	3/67 (5%)	5/74 (7%)	4/69 (6%)	2/71 (3%)
FIRST INCIDENCE	739 (T)	738	739 (T)	739 (T)
HC TUMORS SAME ROUTE	3/90 (3%)			
HC TUMORS ALL ROUTES	28/490 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.262N	P=0.271	P=0.525	P=0.484N
POLY 1.5	P=0.270N	P=0.255	P=0.513	P=0.492N
POLY 6	P=0.252N	P=0.292	P=0.539	P=0.473N
COCH-ARM / FISHERS	P=0.279N	P=0.243	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.289N	P=0.177	P=0.375	P=0.314N
HISTCONT SAME RTE	P=0.568	P=0.262	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.487	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.367			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
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 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	3/90 (3%)	3/89 (3%)	3/90 (3%)	5/90 (6%)
POLY-3 RATE (b)	3/80.35	3/83.83	3/84.36	5/83.03
POLY-3 PERCENT (g)	3.7%	3.6%	3.6%	6%
TERMINAL (d)	2/67 (3%)	3/74 (4%)	1/69 (1%)	4/71 (6%)
FIRST INCIDENCE	607	739 (T)	511	684
HC TUMORS SAME ROUTE	3/90 (3%)			
HC TUMORS ALL ROUTES	19/490 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.270	P=0.641N	P=0.638N	P=0.377
POLY 1.5	P=0.267	P=0.654N	P=0.649N	P=0.368
POLY 6	P=0.274	P=0.624N	P=0.625N	P=0.388
COCH-ARM / FISHERS	P=0.261	P=0.654	P=0.659N	P=0.360
MAX-ISO-POLY-3	P=0.371	P=0.478N	P=0.475N	P=0.254
HISTCONT SAME RTE	P=0.138	P=1.000	P=1.000	P=0.321
HISTCONT ALL RTES	P=0.417	P=1.000	P=1.000	P=0.330
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.811			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
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 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	6/90 (7%)	9/89 (10%)	7/90 (8%)	6/90 (7%)
POLY-3 RATE (b)	6/80.35	9/83.84	7/84.36	6/83.03
POLY-3 PERCENT (g)	7.5%	10.7%	8.3%	7.2%
TERMINAL (d)	5/67 (8%)	8/74 (11%)	5/69 (7%)	5/71 (7%)
FIRST INCIDENCE	607	738	511	684
HC TUMORS SAME ROUTE	6/90 (7%)			
HC TUMORS ALL ROUTES	46/490 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.423N	P=0.325	P=0.536	P=0.595N
POLY 1.5	P=0.433N	P=0.304	P=0.519	P=0.606N
POLY 6	P=0.411N	P=0.352	P=0.557	P=0.580N
COCH-ARM / FISHERS	P=0.444N	P=0.288	P=0.500	P=0.617N
MAX-ISO-POLY-3	P=0.531N	P=0.240	P=0.422	P=0.476N
HISTCONT SAME RTE	P=0.465	P=0.267	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=1.000			
CURR VS HC ALL RTES	P=0.418			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mammary Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	1/89 (1%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	1/83.93	2/83.74	0/82.82
POLY-3 PERCENT (g)	0%	1.2%	2.4%	0%
TERMINAL (d)	0/67 (0%)	0/74 (0%)	1/69 (1%)	0/71 (0%)
FIRST INCIDENCE	---	715	720	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	1/490 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.603N	P=0.510	P=0.249	(e)
POLY 1.5	P=0.609N	P=0.503	P=0.244	(e)
POLY 6	P=0.596N	P=0.518	P=0.255	(e)
COCH-ARM / FISHERS	P=0.615N	P=0.497	P=0.249	(e)
MAX-ISO-POLY-3	P=0.346N	P=0.172	P=0.087	(e)
HISTCONT SAME RTE	P=0.382	P=1.000	P=0.312	(e)
HISTCONT ALL RTES	P=0.234	P=0.296	P=0.015*	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.503			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
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 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	2/90 (2%)
POLY-3 RATE (b)	0/79.90	0/83.83	0/83.66	2/83.54
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/67 (0%)	0/74 (0%)	0/69 (0%)	1/71 (1%)
FIRST INCIDENCE	---	---	---	484
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	4/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.047*	(e)	(e)	P=0.248
POLY 1.5	P=0.047*	(e)	(e)	P=0.244
POLY 6	P=0.047*	(e)	(e)	P=0.254
COCH-ARM / FISHERS	P=0.047*	(e)	(e)	P=0.249
MAX-ISO-POLY-3	P=0.042*	(e)	(e)	P=0.087
HISTCONT SAME RTE	P=0.138	(e)	(e)	P=0.312
HISTCONT ALL RTEs	P=0.157	(e)	(e)	P=0.217
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.424			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
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 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mammary Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	1/89 (1%)	2/90 (2%)	2/90 (2%)
POLY-3 RATE (b)	0/79.90	1/83.93	2/83.74	2/83.54
POLY-3 PERCENT (g)	0%	1.2%	2.4%	2.4%
TERMINAL (d)	0/67 (0%)	0/74 (0%)	1/69 (1%)	1/71 (1%)
FIRST INCIDENCE	---	715	720	484
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	5/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.172	P=0.510	P=0.249	P=0.248
POLY 1.5	P=0.168	P=0.503	P=0.244	P=0.244
POLY 6	P=0.177	P=0.518	P=0.255	P=0.254
COCH-ARM / FISHERS	P=0.162	P=0.497	P=0.249	P=0.249
MAX-ISO-POLY-3	P=0.178	P=0.172	P=0.087	P=0.087
HISTCONT SAME RTE	P=0.121	P=1.000	P=0.312	P=0.312
HISTCONT ALL RTES	P=0.194	P=1.000	P=0.290	P=0.288
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.324			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mammary Gland				
Fibroma, Fibroadenoma, Carcinoma, or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	1/89 (1%)	2/90 (2%)	2/90 (2%)
POLY-3 RATE (b)	0/79.90	1/83.93	2/83.74	2/83.54
POLY-3 PERCENT (g)	0%	1.2%	2.4%	2.4%
TERMINAL (d)	0/67 (0%)	0/74 (0%)	1/69 (1%)	1/71 (1%)
FIRST INCIDENCE	---	715	720	484
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	5/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.172	P=0.510	P=0.249	P=0.248
POLY 1.5	P=0.168	P=0.503	P=0.244	P=0.244
POLY 6	P=0.177	P=0.518	P=0.255	P=0.254
COCH-ARM / FISHERS	P=0.162	P=0.497	P=0.249	P=0.249
MAX-ISO-POLY-3	P=0.178	P=0.172	P=0.087	P=0.087
HISTCONT SAME RTE	P=0.121	P=1.000	P=0.312	P=0.312
HISTCONT ALL RTES	P=0.194	P=1.000	P=0.290	P=0.288
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.324			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mesentery				
Lipoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	2/89 (2%)	1/90 (1%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	2/83.83	1/83.69	0/82.82
POLY-3 PERCENT (g)	0%	2.4%	1.2%	0%
TERMINAL (d)	0/67 (0%)	2/74 (3%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	---	739 (T)	731	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	1/490 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.443N	P=0.249	P=0.509	(e)
POLY 1.5	P=0.452N	P=0.242	P=0.505	(e)
POLY 6	P=0.433N	P=0.259	P=0.515	(e)
COCH-ARM / FISHERS	P=0.460N	P=0.246	P=0.500	(e)
MAX-ISO-POLY-3	P=0.343N	P=0.088	P=0.170	(e)
HISTCONT SAME RTE	P=0.382	P=0.312	P=1.000	(e)
HISTCONT ALL RTES	P=0.236	P=0.015*	P=0.298	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.509			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
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 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Ovary				
Cystadenoma				
TUMOR RATES				
OVERALL (a)	2/75 (3%)	2/84 (2%)	6/84 (7%)	6/83 (7%)
POLY-3 RATE (b)	2/66.00	2/78.99	6/78.85	6/76.32
POLY-3 PERCENT (g)	3%	2.5%	7.6%	7.9%
TERMINAL (d)	2/56 (4%)	2/70 (3%)	6/66 (9%)	5/65 (8%)
FIRST INCIDENCE	739 (T)	739 (T)	739 (T)	597
HC TUMORS SAME ROUTE	2/75 (3%)			
HC TUMORS ALL ROUTES	15/472 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.077	P=0.627N	P=0.202	P=0.189
POLY 1.5	P=0.075	P=0.640N	P=0.192	P=0.181
POLY 6	P=0.078	P=0.610N	P=0.215	P=0.199
COCH-ARM / FISHERS	P=0.073	P=0.646N	P=0.178	P=0.174
MAX-ISO-POLY-3	P=0.121	P=0.430N	P=0.129	P=0.117
HISTCONT SAME RTE	P=0.159	P=1.000	P=0.245	P=0.241
HISTCONT ALL RTES	P=0.008**	P=1.000	P=0.014*	P=0.012*
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.816			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Ovary				
Hemangioma				
TUMOR RATES				
OVERALL (a)	2/75 (3%)	0/84 (0%)	0/84 (0%)	1/83 (1%)
POLY-3 RATE (b)	2/66.00	0/78.99	0/78.85	1/75.85
POLY-3 PERCENT (g)	3%	0%	0%	1.3%
TERMINAL (d)	2/56 (4%)	0/70 (0%)	0/66 (0%)	1/65 (2%)
FIRST INCIDENCE	739 (T)	---	---	739 (T)
HC TUMORS SAME ROUTE	2/75 (3%)			
HC TUMORS ALL ROUTES	2/472 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.452N	P=0.200N	P=0.200N	P=0.452N
POLY 1.5	P=0.445N	P=0.207N	P=0.206N	P=0.458N
POLY 6	P=0.460N	P=0.192N	P=0.194N	P=0.444N
COCH-ARM / FISHERS	P=0.441N	P=0.221N	P=0.221N	P=0.462N
MAX-ISO-POLY-3	P=0.111N	P=0.071N	P=0.071N	P=0.251N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.257	P=1.000	P=1.000	P=0.464
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.037*			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
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 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Ovary				
Luteoma				
TUMOR RATES				
OVERALL (a)	0/75 (0%)	0/84 (0%)	2/84 (2%)	1/83 (1%)
POLY-3 RATE (b)	0/66.00	0/78.99	2/78.85	1/75.85
POLY-3 PERCENT (g)	0%	0%	2.5%	1.3%
TERMINAL (d)	0/56 (0%)	0/70 (0%)	2/66 (3%)	1/65 (2%)
FIRST INCIDENCE	---	---	739 (T)	739 (T)
HC TUMORS SAME ROUTE	0/75 (0%)			
HC TUMORS ALL ROUTES	3/472 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.264	(e)	P=0.279	P=0.528
POLY 1.5	P=0.263	(e)	P=0.273	P=0.524
POLY 6	P=0.266	(e)	P=0.286	P=0.532
COCH-ARM / FISHERS	P=0.260	(e)	P=0.278	P=0.525
MAX-ISO-POLY-3	P=0.220	(e)	P=0.109	P=0.186
HISTCONT SAME RTE	P=0.246	(e)	P=0.326	P=1.000
HISTCONT ALL RTES	P=0.268	(e)	P=0.144	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.529			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	6/80 (8%)	8/79 (10%)	8/88 (9%)	1/86 (1%)
POLY-3 RATE (b)	6/71.13	8/75.03	8/81.92	1/79.79
POLY-3 PERCENT (g)	8.4%	10.7%	9.8%	1.3%
TERMINAL (d)	5/60 (8%)	8/67 (12%)	6/68 (9%)	1/68 (2%)
FIRST INCIDENCE	703	739 (T)	704	739 (T)
HC TUMORS SAME ROUTE	6/80 (8%)			
HC TUMORS ALL ROUTES	40/476 (8%)			
STATISTICAL TESTS				
POLY 3	P=0.029N*	P=0.430	P=0.499	P=0.043N*
POLY 1.5	P=0.031N*	P=0.407	P=0.481	P=0.045N*
POLY 6	P=0.027N*	P=0.460	P=0.520	P=0.040N*
COCH-ARM / FISHERS	P=0.035N*	P=0.381	P=0.465	P=0.048N*
MAX-ISO-POLY-3	P=0.045N*	P=0.329	P=0.391	P=0.021N*
HISTCONT SAME RTE	P=1.000	P=0.348	P=0.492	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.450	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.807			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	6/80 (8%)	8/79 (10%)	8/88 (9%)	2/86 (2%)
POLY-3 RATE (b)	6/71.13	8/75.03	8/81.92	2/79.79
POLY-3 PERCENT (g)	8.4%	10.7%	9.8%	2.5%
TERMINAL (d)	5/60 (8%)	8/67 (12%)	6/68 (9%)	2/68 (3%)
FIRST INCIDENCE	703	739 (T)	704	739 (T)
HC TUMORS SAME ROUTE	6/80 (8%)			
HC TUMORS ALL ROUTES	43/476 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.063N	P=0.430	P=0.499	P=0.104N
POLY 1.5	P=0.066N	P=0.407	P=0.481	P=0.109N
POLY 6	P=0.059N	P=0.460	P=0.520	P=0.098N
COCH-ARM / FISHERS	P=0.073N	P=0.381	P=0.465	P=0.116N
MAX-ISO-POLY-3	P=0.092N	P=0.329	P=0.391	P=0.058N
HISTCONT SAME RTE	P=1.000	P=0.348	P=0.492	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.699			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skeletal Muscle Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	2/89 (2%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	2/83.96	0/83.66	0/82.82
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/67 (0%)	1/74 (1%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	---	706	---	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.388N	P=0.250	(e)	(e)
POLY 1.5	P=0.396N	P=0.242	(e)	(e)
POLY 6	P=0.377N	P=0.259	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.246	(e)	(e)
MAX-ISO-POLY-3	P=0.264N	P=0.089	(e)	(e)
HISTCONT SAME RTE	P=0.512	P=0.312	(e)	(e)
HISTCONT ALL RTES	P=0.244	P=0.002**	(e)	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	6/90 (7%)	1/89 (1%)	3/90 (3%)	3/90 (3%)
POLY-3 RATE (b)	6/80.87	1/83.93	3/84.05	3/82.85
POLY-3 PERCENT (g)	7.4%	1.2%	3.6%	3.6%
TERMINAL (d)	2/67 (3%)	0/74 (0%)	1/69 (1%)	2/71 (3%)
FIRST INCIDENCE	607	715	669	731
HC TUMORS SAME ROUTE	6/90 (7%)			
HC TUMORS ALL ROUTES	11/490 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.301N	P=0.054N	P=0.228N	P=0.235N
POLY 1.5	P=0.299N	P=0.059N	P=0.237N	P=0.241N
POLY 6	P=0.305N	P=0.049N*	P=0.218N	P=0.228N
COCH-ARM / FISHERS	P=0.298N	P=0.061N	P=0.248N	P=0.248N
MAX-ISO-POLY-3	P=0.105N	P=0.025N*	P=0.143N	P=0.146N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.458	P=1.000	P=0.415	P=0.406
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.029*			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/90 (3%)	1/89 (1%)	3/90 (3%)	3/90 (3%)
POLY-3 RATE (b)	3/80.10	1/83.93	3/84.05	3/82.85
POLY-3 PERCENT (g)	3.8%	1.2%	3.6%	3.6%
TERMINAL (d)	1/67 (2%)	0/74 (0%)	1/69 (1%)	2/71 (3%)
FIRST INCIDENCE	703	715	669	731
HC TUMORS SAME ROUTE	3/90 (3%)			
HC TUMORS ALL ROUTES	6/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.462	P=0.290N	P=0.638N	P=0.645N
POLY 1.5	P=0.461	P=0.301N	P=0.649N	P=0.653N
POLY 6	P=0.462	P=0.277N	P=0.625N	P=0.636N
COCH-ARM / FISHERS	P=0.459	P=0.315N	P=0.659N	P=0.659N
MAX-ISO-POLY-3	P=0.530	P=0.151N	P=0.475N	P=0.483N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.034*	P=1.000	P=0.079	P=0.076
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.133			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	5/90 (6%)	1/89 (1%)	3/90 (3%)	3/90 (3%)
POLY-3 RATE (b)	5/80.87	1/83.93	3/84.05	3/82.85
POLY-3 PERCENT (g)	6.2%	1.2%	3.6%	3.6%
TERMINAL (d)	1/67 (2%)	0/74 (0%)	1/69 (1%)	2/71 (3%)
FIRST INCIDENCE	607	715	669	731
HC TUMORS SAME ROUTE	5/90 (6%)			
HC TUMORS ALL ROUTES	10/490 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.422N	P=0.097N	P=0.338N	P=0.346N
POLY 1.5	P=0.420N	P=0.103N	P=0.348N	P=0.353N
POLY 6	P=0.426N	P=0.090N	P=0.326N	P=0.338N
COCH-ARM / FISHERS	P=0.419N	P=0.108N	P=0.360N	P=0.360N
MAX-ISO-POLY-3	P=0.205N	P=0.046N*	P=0.223N	P=0.227N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.345	P=1.000	P=0.344	P=0.335
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.058			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/90 (2%)	0/89 (0%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	2/80.04	0/83.83	0/83.66	1/82.82
POLY-3 PERCENT (g)	2.5%	0%	0%	1.2%
TERMINAL (d)	1/67 (2%)	0/74 (0%)	0/69 (0%)	1/71 (1%)
FIRST INCIDENCE	703	---	---	739 (T)
HC TUMORS SAME ROUTE	2/90 (2%)			
HC TUMORS ALL ROUTES	6/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.468N	P=0.228N	P=0.229N	P=0.488N
POLY 1.5	P=0.463N	P=0.235N	P=0.233N	P=0.494N
POLY 6	P=0.474N	P=0.220N	P=0.223N	P=0.481N
COCH-ARM / FISHERS	P=0.460N	P=0.251N	P=0.249N	P=0.500N
MAX-ISO-POLY-3	P=0.133N	P=0.078N	P=0.077N	P=0.275N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.453			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
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 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Malignant Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	1/89 (1%)	1/90 (1%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	1/83.83	1/83.66	0/82.82
POLY-3 PERCENT (g)	0%	1.2%	1.2%	0%
TERMINAL (d)	0/67 (0%)	1/74 (1%)	1/69 (1%)	0/71 (0%)
FIRST INCIDENCE	---	739 (T)	739 (T)	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (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: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin				
Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/90 (2%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	2/80.67	0/83.83	0/83.66	0/82.82
POLY-3 PERCENT (g)	2.5%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/74 (0%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	607	---	---	---
HC TUMORS SAME ROUTE	2/90 (2%)			
HC TUMORS ALL ROUTES	3/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.118N	P=0.230N	P=0.230N	P=0.233N
POLY 1.5	P=0.116N	P=0.236N	P=0.234N	P=0.236N
POLY 6	P=0.121N	P=0.223N	P=0.226N	P=0.229N
COCH-ARM / FISHERS	P=0.115N	P=0.251N	P=0.249N	P=0.249N
MAX-ISO-POLY-3	P=0.033N*	P=0.078N	P=0.077N	P=0.077N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.129			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spleen				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/86 (0%)	3/87 (3%)	2/86 (2%)	1/88 (1%)
POLY-3 RATE (b)	0/78.11	3/82.46	2/81.96	1/82.02
POLY-3 PERCENT (g)	0%	3.6%	2.4%	1.2%
TERMINAL (d)	0/67 (0%)	1/74 (1%)	0/69 (0%)	1/71 (1%)
FIRST INCIDENCE	---	703	644	739 (T)
HC TUMORS SAME ROUTE	0/86 (0%)			
HC TUMORS ALL ROUTES	3/486 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.578	P=0.131	P=0.249	P=0.510
POLY 1.5	P=0.571	P=0.126	P=0.244	P=0.507
POLY 6	P=0.586	P=0.138	P=0.255	P=0.513
COCH-ARM / FISHERS	P=0.562	P=0.125	P=0.249	P=0.506
MAX-ISO-POLY-3	P=0.214	P=0.047*	P=0.088	P=0.169
HISTCONT SAME RTE	P=0.231	P=0.256	P=0.312	P=1.000
HISTCONT ALL RTES	P=0.142	P=0.010**	P=0.087	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.422			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
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 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Thyroid Gland: Follicular Cell Adenoma				
TUMOR RATES				
OVERALL (a)	0/86 (0%)	2/87 (2%)	1/88 (1%)	1/88 (1%)
POLY-3 RATE (b)	0/76.30	2/82.12	1/81.74	1/82.16
POLY-3 PERCENT (g)	0%	2.4%	1.2%	1.2%
TERMINAL (d)	0/65 (0%)	2/74 (3%)	1/68 (2%)	1/71 (1%)
FIRST INCIDENCE	---	739 (T)	739 (T)	739 (T)
HC TUMORS SAME ROUTE	0/86 (0%)			
HC TUMORS ALL ROUTES	2/484 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.530	P=0.255	P=0.514	P=0.515
POLY 1.5	P=0.520	P=0.247	P=0.509	P=0.510
POLY 6	P=0.542	P=0.265	P=0.519	P=0.520
COCH-ARM / FISHERS	P=0.507	P=0.251	P=0.506	P=0.506
MAX-ISO-POLY-3	P=0.302	P=0.092	P=0.174	P=0.175
HISTCONT SAME RTE	P=0.215	P=0.315	P=1.000	P=1.000
HISTCONT ALL RTEs	P=0.185	P=0.045*	P=0.476	P=0.478
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.500			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Uterus Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	2/89 (2%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	0/79.90	2/83.84	0/83.66	1/82.82
POLY-3 PERCENT (g)	0%	2.4%	0%	1.2%
TERMINAL (d)	0/67 (0%)	1/74 (1%)	0/69 (0%)	1/71 (1%)
FIRST INCIDENCE	---	738	---	739 (T)
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.557	P=0.249	(e)	P=0.507
POLY 1.5	P=0.548	P=0.242	(e)	P=0.504
POLY 6	P=0.567	P=0.259	(e)	P=0.512
COCH-ARM / FISHERS	P=0.540	P=0.246	(e)	P=0.500
MAX-ISO-POLY-3	P=0.348	P=0.088	(e)	P=0.168
HISTCONT SAME RTE	P=0.380	P=0.312	(e)	P=1.000
HISTCONT ALL RTES	P=0.110	P=0.002**	(e)	P=0.050*
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Cell Phone Radiation: CDMA
 CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017
 Time Report Requested: 11:32:46
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Uterus				
Leiomyosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	1/89 (1%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	0/79.90	1/83.83	1/83.74	2/82.82
POLY-3 PERCENT (g)	0%	1.2%	1.2%	2.4%
TERMINAL (d)	0/67 (0%)	1/74 (1%)	0/69 (0%)	2/71 (3%)
FIRST INCIDENCE	---	739 (T)	720	739 (T)
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.161	P=0.510	P=0.509	P=0.246
POLY 1.5	P=0.159	P=0.503	P=0.505	P=0.242
POLY 6	P=0.165	P=0.518	P=0.515	P=0.252
COCH-ARM / FISHERS	P=0.155	P=0.497	P=0.500	P=0.249
MAX-ISO-POLY-3	P=0.135	P=0.171	P=0.170	P=0.085
HISTCONT SAME RTE	P=0.073	P=1.000	P=1.000	P=0.311
HISTCONT ALL RTES	P<0.001**	P=0.049*	P=0.050*	P=0.002**
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/90 (4%)	1/89 (1%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	4/79.90	1/83.83	0/83.66	1/82.82
POLY-3 PERCENT (g)	5%	1.2%	0%	1.2%
TERMINAL (d)	4/67 (6%)	1/74 (1%)	0/69 (0%)	1/71 (1%)
FIRST INCIDENCE	739 (T)	739 (T)	---	739 (T)
HC TUMORS SAME ROUTE	4/90 (4%)			
HC TUMORS ALL ROUTES	7/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.106N	P=0.168N	P=0.058N	P=0.171N
POLY 1.5	P=0.105N	P=0.177N	P=0.060N	P=0.177N
POLY 6	P=0.108N	P=0.156N	P=0.054N	P=0.164N
COCH-ARM / FISHERS	P=0.105N	P=0.187N	P=0.060N	P=0.184N
MAX-ISO-POLY-3	P=0.030N*	P=0.083N	P=0.021N*	P=0.084N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.056			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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Lab: IIT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/90 (2%)	7/89 (8%)	2/90 (2%)	3/90 (3%)
POLY-3 RATE (b)	2/80.04	7/84.49	2/84.26	3/83.13
POLY-3 PERCENT (g)	2.5%	8.3%	2.4%	3.6%
TERMINAL (d)	1/67 (2%)	4/74 (5%)	0/69 (0%)	2/71 (3%)
FIRST INCIDENCE	703	626	644	653
HC TUMORS SAME ROUTE	2/90 (2%)			
HC TUMORS ALL ROUTES	17/490 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.436N	P=0.098	P=0.674N	P=0.517
POLY 1.5	P=0.448N	P=0.089	P=0.683N	P=0.509
POLY 6	P=0.420N	P=0.111	P=0.663N	P=0.528
COCH-ARM / FISHERS	P=0.461N	P=0.082	P=0.690N	P=0.500
MAX-ISO-POLY-3	P=0.358N	P=0.056	P=0.479N	P=0.343
HISTCONT SAME RTE	P=0.463	P=0.215	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.610	P=0.033*	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.546			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	6/90 (7%)	8/89 (9%)	2/90 (2%)	4/90 (4%)
POLY-3 RATE (b)	6/80.04	8/84.49	2/84.26	4/83.13
POLY-3 PERCENT (g)	7.5%	9.5%	2.4%	4.8%
TERMINAL (d)	5/67 (8%)	5/74 (7%)	0/69 (0%)	3/71 (4%)
FIRST INCIDENCE	703	626	644	653
HC TUMORS SAME ROUTE	6/90 (7%)			
HC TUMORS ALL ROUTES	24/490 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.161N	P=0.431	P=0.122N	P=0.349N
POLY 1.5	P=0.167N	P=0.405	P=0.130N	P=0.361N
POLY 6	P=0.154N	P=0.466	P=0.113N	P=0.335N
COCH-ARM / FISHERS	P=0.174N	P=0.382	P=0.139N	P=0.373N
MAX-ISO-POLY-3	P=0.157N	P=0.330	P=0.068N	P=0.243N
HISTCONT SAME RTE	P=1.000	P=0.349	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.770	P=0.037*	P=1.000	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.471			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	8/90 (9%)	3/89 (3%)	2/90 (2%)	7/90 (8%)
POLY-3 RATE (b)	8/82.69	3/84.69	2/83.76	7/83.26
POLY-3 PERCENT (g)	9.7%	3.5%	2.4%	8.4%
TERMINAL (d)	2/67 (3%)	1/74 (1%)	0/69 (0%)	5/71 (7%)
FIRST INCIDENCE	562	493	725	675
HC TUMORS SAME ROUTE	8/90 (9%)			
HC TUMORS ALL ROUTES	22/490 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.558	P=0.098N	P=0.048N*	P=0.494N
POLY 1.5	P=0.561	P=0.105N	P=0.050N*	P=0.499N
POLY 6	P=0.553	P=0.091N	P=0.046N*	P=0.488N
COCH-ARM / FISHERS	P=0.559N	P=0.109N	P=0.050N*	P=0.500N
MAX-ISO-POLY-3	P=0.146N	P=0.056N	P=0.024N*	P=0.387N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.151	P=1.000	P=1.000	P=0.108
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.094			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Leukemia: Granulocytic				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/90 (0%)	0/89 (0%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	0/83.83	2/84.24	0/82.82
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/67 (0%)	0/74 (0%)	1/69 (1%)	0/71 (0%)
FIRST INCIDENCE	---	---	553	---
HC TUMORS SAME ROUTE	0/90 (0%)			
HC TUMORS ALL ROUTES	0/490 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.604	(e)	P=0.250	(e)
POLY 1.5	P=0.600	(e)	P=0.245	(e)
POLY 6	P=0.608	(e)	P=0.257	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.249	(e)
MAX-ISO-POLY-3	P=0.271	(e)	P=0.089	(e)
HISTCONT SAME RTE	P=0.396	(e)	P=0.313	(e)
HISTCONT ALL RTES	P=0.094	(e)	P=0.002**	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/90 (2%)	9/89 (10%)	6/90 (7%)	7/90 (8%)
POLY-3 RATE (b)	2/80.36	9/84.02	6/83.83	7/83.52
POLY-3 PERCENT (g)	2.5%	10.7%	7.2%	8.4%
TERMINAL (d)	1/67 (2%)	8/74 (11%)	4/69 (6%)	4/71 (6%)
FIRST INCIDENCE	604	689	716	635
HC TUMORS SAME ROUTE	2/90 (2%)			
HC TUMORS ALL ROUTES	78/490 (16%)			
STATISTICAL TESTS				
POLY 3	P=0.220	P=0.035*	P=0.152	P=0.094
POLY 1.5	P=0.209	P=0.031*	P=0.146	P=0.089
POLY 6	P=0.235	P=0.041*	P=0.161	P=0.101
COCH-ARM / FISHERS	P=0.198	P=0.027*	P=0.139	P=0.084
MAX-ISO-POLY-3	P=0.102	P=0.019*	P=0.087	P=0.051
HISTCONT SAME RTE	P=0.170	P=0.196	P=0.231	P=0.214
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.003**			

Experiment Number: 20105 - 75
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 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Osteosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/90 (3%)	2/89 (2%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	3/81.61	2/84.13	1/84.35	2/84.20
POLY-3 PERCENT (g)	3.7%	2.4%	1.2%	2.4%
TERMINAL (d)	0/67 (0%)	1/74 (1%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	448	656	499	500
HC TUMORS SAME ROUTE	3/90 (3%)			
HC TUMORS ALL ROUTES	3/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.399N	P=0.486N	P=0.295N	P=0.486N
POLY 1.5	P=0.400N	P=0.498N	P=0.301N	P=0.493N
POLY 6	P=0.398N	P=0.471N	P=0.288N	P=0.477N
COCH-ARM / FISHERS	P=0.403N	P=0.505N	P=0.310N	P=0.500N
MAX-ISO-POLY-3	P=0.353N	P=0.316N	P=0.152N	P=0.316N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.139	P=0.153	P=1.000	P=0.154
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.026*			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Osteosarcoma or Osteoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/90 (3%)	2/89 (2%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	3/81.61	2/84.13	1/84.35	2/84.20
POLY-3 PERCENT (g)	3.7%	2.4%	1.2%	2.4%
TERMINAL (d)	0/67 (0%)	1/74 (1%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	448	656	499	500
HC TUMORS SAME ROUTE	3/90 (3%)			
HC TUMORS ALL ROUTES	3/490 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.399N	P=0.486N	P=0.295N	P=0.486N
POLY 1.5	P=0.400N	P=0.498N	P=0.301N	P=0.493N
POLY 6	P=0.398N	P=0.471N	P=0.288N	P=0.477N
COCH-ARM / FISHERS	P=0.403N	P=0.505N	P=0.310N	P=0.500N
MAX-ISO-POLY-3	P=0.353N	P=0.316N	P=0.152N	P=0.316N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=0.139	P=0.153	P=1.000	P=0.154
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.026*			

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 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	36/90 (40%)	42/89 (47%)	43/90 (48%)	32/90 (36%)
POLY-3 RATE (b)	36/81.72	42/84.58	43/84.88	32/83.55
POLY-3 PERCENT (g)	44.1%	49.7%	50.7%	38.3%
TERMINAL (d)	32/67 (48%)	38/74 (51%)	34/69 (49%)	29/71 (41%)
FIRST INCIDENCE	511	579	644	597
HC TUMORS SAME ROUTE	36/90 (40%)			
HC TUMORS ALL ROUTES	215/490 (44%)			
STATISTICAL TESTS				
POLY 3	P=0.180N	P=0.283	P=0.240	P=0.274N
POLY 1.5	P=0.195N	P=0.235	P=0.208	P=0.300N
POLY 6	P=0.162N	P=0.354	P=0.293	P=0.241N
COCH-ARM / FISHERS	P=0.212N	P=0.206	P=0.184	P=0.322N
MAX-ISO-POLY-3	P=0.163N	P=0.237	P=0.198	P=0.226N
HISTCONT SAME RTE	P=0.613	P=0.214	P=0.204	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.392	P=0.305	P=1.000
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.510			

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 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	33/90 (37%)	33/89 (37%)	26/90 (29%)	36/90 (40%)
POLY-3 RATE (b)	33/86.56	33/86.98	26/87.16	36/86.61
POLY-3 PERCENT (g)	38.1%	37.9%	29.8%	41.6%
TERMINAL (d)	17/67 (25%)	21/74 (28%)	12/69 (17%)	25/71 (35%)
FIRST INCIDENCE	448	493	499	484
HC TUMORS SAME ROUTE	33/90 (37%)			
HC TUMORS ALL ROUTES	215/490 (44%)			
STATISTICAL TESTS				
POLY 3	P=0.382	P=0.552N	P=0.160N	P=0.379
POLY 1.5	P=0.385	P=0.544	P=0.167N	P=0.375
POLY 6	P=0.374	P=0.517N	P=0.152N	P=0.382
COCH-ARM / FISHERS	P=0.391	P=0.539	P=0.170N	P=0.380
MAX-ISO-POLY-3	P=0.317	P=0.489N	P=0.125N	P=0.321
HISTCONT SAME RTE	P=0.303	P=1.000	P=1.000	P=0.255
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.175			

Experiment Number: 20105 - 75
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	59/90 (66%)	62/89 (70%)	56/90 (62%)	56/90 (62%)
POLY-3 RATE (b)	59/87.23	62/86.98	56/87.43	56/87.31
POLY-3 PERCENT (g)	67.6%	71.3%	64.1%	64.1%
TERMINAL (d)	42/67 (63%)	50/74 (68%)	40/69 (58%)	43/71 (61%)
FIRST INCIDENCE	448	493	499	484
HC TUMORS SAME ROUTE	59/90 (66%)			
HC TUMORS ALL ROUTES	340/490 (69%)			
STATISTICAL TESTS				
POLY 3	P=0.242N	P=0.360	P=0.366N	P=0.371N
POLY 1.5	P=0.245N	P=0.323	P=0.381N	P=0.382N
POLY 6	P=0.241N	P=0.415	P=0.344N	P=0.355N
COCH-ARM / FISHERS	P=0.245N	P=0.335	P=0.378N	P=0.378N
MAX-ISO-POLY-3	P=0.364N	P=0.300	P=0.307N	P=0.312N
HISTCONT SAME RTE	P=1.000	P=0.247	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.347			

Experiment Number: 20105 - 75

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 12/14/2017

Time Report Requested: 11:32:46

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

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 ***