

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

Final 1 Revision 2 - GSM Mice Core Study

NTP Study Number: C20105

Lock Date: 04/07/2016

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25023 MISS

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

MALE MICE

Organ

Adrenal Cortex
Adrenal Cortex: Bilateral
Adrenal Cortex: Subcapsular
Bone Marrow
Epididymis
Heart
Islets, Pancreatic
Kidney
Kidney: Interstitium
Kidney: Renal Tubule
Liver
Lung
Lymph Node, Mandibular
Lymph Node, Mesenteric
Nose: Respiratory Epithelium
Parathyroid Gland
Preputial Gland
Preputial Gland: Duct
Prostate

Skeletal Muscle
Skin: Hair Follicle
Stomach, Forestomach
Stomach, Forestomach: Epithelium
Thymus

Urinary Bladder

FEMALE MICE

Organ

Adrenal Cortex
Adrenal Cortex: Subcapsular

Morphology

Hypertrophy Focal
Hypertrophy Focal
Hyperplasia
Hypercellularity
Infiltration Cellular Lymphocyte
Cardiomyopathy
Hyperplasia
Nephropathy Chronic Progressive
Infiltration Cellular Lymphocyte
Mineral
Clear Cell Focus
Infiltration Cellular Histiocyte
Hyperplasia Lymphoid
Erythrophagocytosis
Hyperplasia
Cyst
Infiltration Cellular Lymphocyte
Dilation
Infiltration Cellular Lymphocyte
Inflammation Acute
Infiltration Cellular Lymphocyte
Atrophy
Cyst
Hyperplasia Focal
Atrophy
Cyst
Hemorrhage

Morphology

Vacuolization Cytoplasmic
Hyperplasia

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF CELL PHONE RADIATION: GSM

Bone	Fibro-osseous Lesion
Brain: Artery, Meninges	Inflammation Chronic
Clitoral Gland	Infiltration Cellular Lymphocyte
Harderian Gland	Infiltration Cellular Lymphocyte
Heart	Thrombus
Heart: Artery	Inflammation Chronic
Heart: Myocardium	Mineral
Kidney	Nephropathy Chronic Progressive
Liver	Fatty Change
	Infiltration Cellular Lymphocyte
	Inflammation Focal
	Mixed Cell Focus
Liver: Hepatocyte	Fatty Change Focal
	Vacuolization Cytoplasmic
Lymph Node, Mesenteric	Hyperplasia Lymphoid
Lymph Node: Bronchial	Hyperplasia Lymphoid
Lymph Node: Iliac	Infiltration Cellular Mixed Cell
	Pigment
Pituitary Gland: Pars Distalis	Angiectasis
Skeletal Muscle	Infiltration Cellular Lymphocyte
Skin: Hair Follicle	Atrophy
Spinal Cord	Necrosis
Spinal Cord: Artery, Meninges	Inflammation Chronic
Spleen	Extramedullary Hematopoiesis
Stomach, Glandular	Cyst
Thymus	Atrophy
	Cyst
Thyroid Gland	Infiltration Cellular Lymphocyte
Thyroid Gland: Follicular Cell	Hyperplasia Focal
Urinary Bladder	Angiectasis
Uterus	Angiectasis
Uterus: Endometrium	Cyst

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Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Hemorrhage				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/89 (0%)	0/88 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/85.40	0/81.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/79 (0%)	0/70 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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				
Hyperplasia Focal				
LESION RATES				
OVERALL (a)	3/90 (3%)	1/89 (1%)	7/89 (8%)	6/88 (7%)
POLY-3 RATE (b)	3/80.23	1/80.91	7/85.40	6/81.87
POLY-3 PERCENT (g)	3.7%	1.2%	8.2%	7.3%
TERMINAL (d)	3/66 (5%)	0/63 (0%)	7/79 (9%)	5/70 (7%)
FIRST INCIDENCE	729 (T)	674	729 (T)	681
STATISTICAL TESTS				
POLY 3	P=0.087	P=0.304N	P=0.191	P=0.257
POLY 1.5	P=0.084	P=0.303N	P=0.182	P=0.252
POLY 6	P=0.092	P=0.308N	P=0.199	P=0.260
COCH-ARM / FISHERS	P=0.078	P=0.315N	P=0.160	P=0.237
MAX-ISO-POLY-3	P=0.106	P=0.156N	P=0.123	P=0.164

Experiment Number: 20105 - 78
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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				
Hypertrophy Focal				
LESION RATES				
OVERALL (a)	3/90 (3%)	13/89 (15%)	13/89 (15%)	2/88 (2%)
POLY-3 RATE (b)	3/80.23	13/80.70	13/85.40	2/81.68
POLY-3 PERCENT (g)	3.7%	16.1%	15.2%	2.5%
TERMINAL (d)	3/66 (5%)	13/63 (21%)	13/79 (17%)	2/70 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.183N	P=0.008**	P=0.012*	P=0.492N
POLY 1.5	P=0.191N	P=0.009**	P=0.011*	P=0.496N
POLY 6	P=0.176N	P=0.007**	P=0.013*	P=0.489N
COCH-ARM / FISHERS	P=0.226N	P=0.007**	P=0.007**	P=0.511N
MAX-ISO-POLY-3	P=0.032N*	P=0.004**	P=0.007**	P=0.320N

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Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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				
Vacuolization Cytoplasmic				
<hr/>				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/89 (0%)	0/88 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/85.40	0/81.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/79 (0%)	0/70 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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: Bilateral Hypertrophy Focal				
LESION RATES				
OVERALL (a)	1/90 (1%)	5/89 (6%)	4/89 (4%)	1/88 (1%)
POLY-3 RATE (b)	1/80.23	5/80.70	4/85.40	1/81.68
POLY-3 PERCENT (g)	1.3%	6.2%	4.7%	1.2%
TERMINAL (d)	1/66 (2%)	5/63 (8%)	4/79 (5%)	1/70 (1%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.379N	P=0.107	P=0.201	P=0.756N
POLY 1.5	P=0.385N	P=0.108	P=0.195	P=0.758N
POLY 6	P=0.374N	P=0.103	P=0.208	P=0.755N
COCH-ARM / FISHERS	P=0.408N	P=0.103	P=0.180	P=0.746
MAX-ISO-POLY-3	P=0.262N	P=0.049*	P=0.105	P=0.494N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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: Bilateral Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/89 (0%)	0/88 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/85.40	0/81.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/79 (0%)	0/70 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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: Subcapsular Hyperplasia				
LESION RATES				
OVERALL (a)	69/90 (77%)	72/89 (81%)	80/89 (90%)	72/88 (82%)
POLY-3 RATE (b)	69/82.32	72/84.67	80/87.55	72/83.94
POLY-3 PERCENT (g)	83.8%	85%	91.4%	85.8%
TERMINAL (d)	58/66 (88%)	56/63 (89%)	74/79 (94%)	62/70 (89%)
FIRST INCIDENCE	568	533	503	488
STATISTICAL TESTS				
POLY 3	P=0.348	P=0.498	P=0.089	P=0.443
POLY 1.5	P=0.306	P=0.461	P=0.056	P=0.398
POLY 6	P=0.382	P=0.509	P=0.121	P=0.472
COCH-ARM / FISHERS	P=0.185	P=0.305	P=0.014*	P=0.254
MAX-ISO-POLY-3	P=0.278	P=0.408	P=0.061	P=0.356

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Adrenal Medulla Hemorrhage				
<hr/>				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/88 (0%)	0/88 (0%)	0/86 (0%)
POLY-3 RATE (b)	0/80.23	0/79.70	0/84.40	0/79.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/62 (0%)	0/78 (0%)	0/68 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Hyperplasia				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/88 (0%)	0/88 (0%)	0/86 (0%)
POLY-3 RATE (b)	0/80.23	0/79.70	0/84.40	0/79.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/62 (0%)	0/78 (0%)	0/68 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Bone Marrow Hypercellularity				
LESION RATES				
OVERALL (a)	3/90 (3%)	0/88 (0%)	2/90 (2%)	3/90 (3%)
POLY-3 RATE (b)	3/80.68	0/79.98	2/87.10	3/83.83
POLY-3 PERCENT (g)	3.7%	0%	2.3%	3.6%
TERMINAL (d)	1/66 (2%)	0/63 (0%)	0/80 (0%)	2/72 (3%)
FIRST INCIDENCE	622	---	545	690
STATISTICAL TESTS				
POLY 3	P=0.421	P=0.123N	P=0.466N	P=0.643N
POLY 1.5	P=0.416	P=0.122N	P=0.475N	P=0.646N
POLY 6	P=0.428	P=0.126N	P=0.457N	P=0.641N
COCH-ARM / FISHERS	P=0.408	P=0.127N	P=0.500N	P=0.659N
MAX-ISO-POLY-3	P=0.390N	P=0.040N*	P=0.302N	P=0.480N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Bone				
Fibro-osseous Lesion				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/88 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/79.98	0/86.40	0/83.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Brain Cyst				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/86.40	0/83.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Brain Hemorrhage				
LESION RATES				
OVERALL (a)	2/90 (2%)	2/89 (2%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	2/81.46	2/81.01	0/86.40	0/83.68
POLY-3 PERCENT (g)	2.5%	2.5%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	455	650	---	---
STATISTICAL TESTS				
POLY 3	P=0.083N	P=0.691	P=0.226N	P=0.232N
POLY 1.5	P=0.084N	P=0.692N	P=0.229N	P=0.233N
POLY 6	P=0.083N	P=0.685	P=0.223N	P=0.232N
COCH-ARM / FISHERS	P=0.087N	P=0.685	P=0.249N	P=0.249N
MAX-ISO-POLY-3	P=0.121N	P=0.497	P=0.077N	P=0.077N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Brain				
Mineral				
LESION RATES				
OVERALL (a)	79/90 (88%)	81/89 (91%)	80/90 (89%)	76/90 (84%)
POLY-3 RATE (b)	79/86.13	81/87.86	80/89.30	76/88.14
POLY-3 PERCENT (g)	91.7%	92.2%	89.6%	86.2%
TERMINAL (d)	60/66 (91%)	59/63 (94%)	72/80 (90%)	62/72 (86%)
FIRST INCIDENCE	350	364	503	352
STATISTICAL TESTS				
POLY 3	P=0.095N	P=0.568	P=0.408N	P=0.173N
POLY 1.5	P=0.106N	P=0.529	P=0.461N	P=0.189N
POLY 6	P=0.089N	P=0.572	P=0.378N	P=0.169N
COCH-ARM / FISHERS	P=0.200N	P=0.324	P=0.500	P=0.334N
MAX-ISO-POLY-3	P=0.150N	P=0.452	P=0.312N	P=0.119N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg

Brain: Artery, Meninges
Inflammation Chronic

LESION RATES

OVERALL (a)	1/90 (1%)	0/89 (0%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	1/80.23	0/80.70	0/86.40	1/83.68
POLY-3 PERCENT (g)	1.3%	0%	0%	1.2%
TERMINAL (d)	1/66 (2%)	0/63 (0%)	0/80 (0%)	1/72 (1%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)

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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Coagulating Gland Cyst				
LESION RATES				
OVERALL (a)	2/2 (100%)	1/2 (50%)	0/0 (0%)	3/4 (75%)
POLY-3 RATE (b)	2/2.00	1/1.98	0/0.00	3/4.00
POLY-3 PERCENT (g)	100%	50.6%	0%	75%
TERMINAL (d)	2/2 (100%)	1/1 (100%)	0/0 (0%)	3/4 (75%)
FIRST INCIDENCE	729 (T)	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	(e)	P=0.508N	(e)	P=0.631N
POLY 1.5	(e)	P=0.504N	(e)	P=0.631N
POLY 6	(e)	P=0.515N	(e)	P=0.631N
COCH-ARM / FISHERS	P=0.590N	P=0.500N	(e)	P=0.667N
MAX-ISO-POLY-3	(e)	P=0.160N	(e)	P=0.282N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Epididymis				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	29/90 (32%)	17/89 (19%)	22/90 (24%)	28/90 (31%)
POLY-3 RATE (b)	29/81.59	17/81.21	22/86.40	28/83.72
POLY-3 PERCENT (g)	35.5%	20.9%	25.5%	33.4%
TERMINAL (d)	24/66 (36%)	14/63 (22%)	22/80 (28%)	27/72 (38%)
FIRST INCIDENCE	588	594	729 (T)	719
STATISTICAL TESTS				
POLY 3	P=0.423	P=0.027N*	P=0.104N	P=0.452N
POLY 1.5	P=0.413	P=0.026N*	P=0.115N	P=0.455N
POLY 6	P=0.433	P=0.032N*	P=0.097N	P=0.461N
COCH-ARM / FISHERS	P=0.380	P=0.033N*	P=0.161N	P=0.500N
MAX-ISO-POLY-3	P=0.167N	P=0.018N*	P=0.082N	P=0.387N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Eye				
Phthisis Bulbi				
<hr/>				
LESION RATES				
OVERALL (a)	0/90 (0%)	1/89 (1%)	3/90 (3%)	1/90 (1%)
POLY-3 RATE (b)	0/80.23	1/80.85	3/86.40	1/83.68
POLY-3 PERCENT (g)	0%	1.2%	3.5%	1.2%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	3/80 (4%)	1/72 (1%)
FIRST INCIDENCE	---	690	729 (T)	729 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.374	P=0.502	P=0.135	P=0.508
POLY 1.5	P=0.369	P=0.502	P=0.131	P=0.507
POLY 6	P=0.380	P=0.499	P=0.139	P=0.510
COCH-ARM / FISHERS	P=0.353	P=0.497	P=0.123	P=0.500
MAX-ISO-POLY-3	P=0.183	P=0.161	P=0.051	P=0.169

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg

Eye: Cornea
Inflammation Chronic

LESION RATES

OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/86.40	1/83.68
POLY-3 PERCENT (g)	0%	0%	0%	1.2%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	1/72 (1%)
FIRST INCIDENCE	---	---	---	729 (T)

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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Gallbladder				
Infiltration Cellular Lymphocyte				
<hr/>				
LESION RATES				
OVERALL (a)	0/73 (0%)	0/66 (0%)	0/74 (0%)	0/79 (0%)
POLY-3 RATE (b)	0/68.54	0/60.87	0/71.38	0/74.71
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/60 (0%)	0/52 (0%)	0/68 (0%)	0/67 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Hyperplasia Focal				
LESION RATES				
OVERALL (a)	2/88 (2%)	1/89 (1%)	2/90 (2%)	1/90 (1%)
POLY-3 RATE (b)	2/78.68	1/80.70	2/86.40	1/83.68
POLY-3 PERCENT (g)	2.5%	1.2%	2.3%	1.2%
TERMINAL (d)	2/66 (3%)	1/63 (2%)	2/80 (3%)	1/72 (1%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.424N	P=0.491N	P=0.659N	P=0.479N
POLY 1.5	P=0.428N	P=0.489N	P=0.665N	P=0.481N
POLY 6	P=0.419N	P=0.498N	P=0.653N	P=0.478N
COCH-ARM / FISHERS	P=0.437N	P=0.496N	P=0.681N	P=0.492N
MAX-ISO-POLY-3	P=0.431N	P=0.276N	P=0.463N	P=0.269N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	36/88 (41%)	36/89 (40%)	32/90 (36%)	40/90 (44%)
POLY-3 RATE (b)	36/80.88	36/83.48	32/87.77	40/86.92
POLY-3 PERCENT (g)	44.5%	43.1%	36.5%	46%
TERMINAL (d)	27/66 (41%)	29/63 (46%)	29/80 (36%)	33/72 (46%)
FIRST INCIDENCE	455	523	503	464
STATISTICAL TESTS				
POLY 3	P=0.455	P=0.491N	P=0.181N	P=0.484
POLY 1.5	P=0.427	P=0.485N	P=0.202N	P=0.460
POLY 6	P=0.478	P=0.524N	P=0.171N	P=0.494
COCH-ARM / FISHERS	P=0.350	P=0.536N	P=0.281N	P=0.373
MAX-ISO-POLY-3	P=0.437	P=0.427N	P=0.150N	P=0.422

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart				
Bacteria				
LESION RATES				
OVERALL (a)	1/90 (1%)	2/89 (2%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	1/80.37	2/81.00	0/86.40	0/83.68
POLY-3 PERCENT (g)	1.2%	2.5%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	693	650	---	---
STATISTICAL TESTS				
POLY 3	P=0.181N	P=0.503	P=0.486N	P=0.492N
POLY 1.5	P=0.182N	P=0.504	P=0.489N	P=0.494N
POLY 6	P=0.180N	P=0.498	P=0.482N	P=0.491N
COCH-ARM / FISHERS	P=0.188N	P=0.496	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.176N	P=0.285	P=0.159N	P=0.159N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	10/90 (11%)	2/89 (2%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	10/81.28	2/80.85	1/86.40	2/84.21
POLY-3 PERCENT (g)	12.3%	2.5%	1.2%	2.4%
TERMINAL (d)	6/66 (9%)	1/63 (2%)	1/80 (1%)	0/72 (0%)
FIRST INCIDENCE	455	690	729 (T)	625
STATISTICAL TESTS				
POLY 3	P=0.007N**	P=0.017N*	P=0.004N**	P=0.014N*
POLY 1.5	P=0.008N**	P=0.017N*	P=0.004N**	P=0.015N*
POLY 6	P=0.007N**	P=0.019N*	P=0.004N**	P=0.014N*
COCH-ARM / FISHERS	P=0.009N**	P=0.017N*	P=0.005N**	P=0.016N*
MAX-ISO-POLY-3	P<0.001N**	P=0.008N**	P=0.002N**	P=0.007N**

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/90 (2%)	2/89 (2%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	2/80.37	2/81.00	0/86.40	1/83.68
POLY-3 PERCENT (g)	2.5%	2.5%	0%	1.2%
TERMINAL (d)	1/66 (2%)	0/63 (0%)	0/80 (0%)	1/72 (1%)
FIRST INCIDENCE	693	650	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.287N	P=0.690N	P=0.223N	P=0.486N
POLY 1.5	P=0.290N	P=0.689N	P=0.227N	P=0.489N
POLY 6	P=0.285N	P=0.691	P=0.219N	P=0.484N
COCH-ARM / FISHERS	P=0.296N	P=0.685	P=0.249N	P=0.500N
MAX-ISO-POLY-3	P=0.267N	P=0.496N	P=0.077N	P=0.273N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart Thrombus				
LESION RATES				
OVERALL (a)	1/90 (1%)	2/89 (2%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	1/80.37	2/81.00	0/86.40	1/84.05
POLY-3 PERCENT (g)	1.2%	2.5%	0%	1.2%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	693	650	---	625
STATISTICAL TESTS				
POLY 3	P=0.487N	P=0.503	P=0.486N	P=0.750N
POLY 1.5	P=0.489N	P=0.504	P=0.489N	P=0.753N
POLY 6	P=0.484N	P=0.498	P=0.482N	P=0.749N
COCH-ARM / FISHERS	P=0.499N	P=0.496	P=0.500N	P=0.751N
MAX-ISO-POLY-3	P=0.379N	P=0.285	P=0.159N	P=0.487N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart: Artery				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/90 (1%)	2/89 (2%)	0/90 (0%)	3/90 (3%)
POLY-3 RATE (b)	1/80.23	2/81.16	0/86.40	3/84.05
POLY-3 PERCENT (g)	1.3%	2.5%	0%	3.6%
TERMINAL (d)	1/66 (2%)	1/63 (2%)	0/80 (0%)	1/72 (1%)
FIRST INCIDENCE	729 (T)	594	---	672
STATISTICAL TESTS				
POLY 3	P=0.258	P=0.504	P=0.485N	P=0.324
POLY 1.5	P=0.254	P=0.504	P=0.489N	P=0.320
POLY 6	P=0.262	P=0.500	P=0.481N	P=0.327
COCH-ARM / FISHERS	P=0.245	P=0.496	P=0.500N	P=0.310
MAX-ISO-POLY-3	P=0.218	P=0.286	P=0.159N	P=0.174

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Heart: Myocardium				
Infiltration Cellular Lymphocyte				
<hr/>				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/86.40	0/83.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Heart: Myocardium				
Inflammation Acute				
<hr/>				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/86.40	0/83.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart: Myocardium				
Mineral				
LESION RATES				
OVERALL (a)	2/90 (2%)	2/89 (2%)	1/90 (1%)	1/90 (1%)
POLY-3 RATE (b)	2/80.81	2/80.91	1/86.40	1/84.05
POLY-3 PERCENT (g)	2.5%	2.5%	1.2%	1.2%
TERMINAL (d)	0/66 (0%)	1/63 (2%)	1/80 (1%)	0/72 (0%)
FIRST INCIDENCE	622	672	729 (T)	625
STATISTICAL TESTS				
POLY 3	P=0.325N	P=0.692N	P=0.477N	P=0.486N
POLY 1.5	P=0.328N	P=0.690N	P=0.483N	P=0.489N
POLY 6	P=0.322N	P=0.687	P=0.472N	P=0.485N
COCH-ARM / FISHERS	P=0.337N	P=0.685	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.436N	P=0.499N	P=0.269N	P=0.274N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart: Myocardium Necrosis				
LESION RATES				
OVERALL (a)	1/90 (1%)	2/89 (2%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	1/81.07	2/81.61	0/86.40	0/83.68
POLY-3 PERCENT (g)	1.2%	2.5%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	393	572	---	---
STATISTICAL TESTS				
POLY 3	P=0.182N	P=0.502	P=0.487N	P=0.494N
POLY 1.5	P=0.183N	P=0.503	P=0.491N	P=0.495N
POLY 6	P=0.181N	P=0.499	P=0.484N	P=0.493N
COCH-ARM / FISHERS	P=0.188N	P=0.496	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.175N	P=0.284	P=0.159N	P=0.159N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Hyperplasia				
LESION RATES				
OVERALL (a)	18/88 (20%)	20/88 (23%)	16/90 (18%)	10/89 (11%)
POLY-3 RATE (b)	18/81.25	20/82.45	16/87.25	10/83.31
POLY-3 PERCENT (g)	22.2%	24.3%	18.3%	12%
TERMINAL (d)	13/65 (20%)	13/63 (21%)	14/80 (18%)	7/71 (10%)
FIRST INCIDENCE	455	533	503	614
STATISTICAL TESTS				
POLY 3	P=0.029N*	P=0.447	P=0.336N	P=0.062N
POLY 1.5	P=0.030N*	P=0.451	P=0.349N	P=0.063N
POLY 6	P=0.028N*	P=0.435	P=0.323N	P=0.062N
COCH-ARM / FISHERS	P=0.034N*	P=0.427	P=0.396N	P=0.070N
MAX-ISO-POLY-3	P=0.045N*	P=0.374	P=0.275N	P=0.042N*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	2/88 (2%)	1/88 (1%)	2/90 (2%)	0/89 (0%)
POLY-3 RATE (b)	2/79.22	1/80.21	2/86.40	0/82.68
POLY-3 PERCENT (g)	2.5%	1.3%	2.3%	0%
TERMINAL (d)	1/65 (2%)	1/63 (2%)	2/80 (3%)	0/71 (0%)
FIRST INCIDENCE	693	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.191N	P=0.496N	P=0.661N	P=0.229N
POLY 1.5	P=0.193N	P=0.494N	P=0.667N	P=0.230N
POLY 6	P=0.188N	P=0.501N	P=0.655N	P=0.228N
COCH-ARM / FISHERS	P=0.198N	P=0.500N	P=0.681N	P=0.246N
MAX-ISO-POLY-3	P=0.159N	P=0.279N	P=0.466N	P=0.076N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Bacteria				
<hr/>				
LESION RATES				
OVERALL (a)	0/90 (0%)	2/89 (2%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	0/80.23	2/81.22	0/86.40	0/82.89
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	650	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.392N	P=0.241	(e)	(e)
POLY 1.5	P=0.394N	P=0.241	(e)	(e)
POLY 6	P=0.391N	P=0.239	(e)	(e)
COCH-ARM / FISHERS	P=0.407N	P=0.246	(e)	(e)
MAX-ISO-POLY-3	P=0.257N	P=0.080	(e)	(e)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Glomerulopathy Hyaline				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/86.40	0/82.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney Infarct				
LESION RATES				
OVERALL (a)	7/90 (8%)	4/89 (4%)	4/90 (4%)	8/89 (9%)
POLY-3 RATE (b)	7/81.77	4/80.94	4/86.64	8/83.08
POLY-3 PERCENT (g)	8.6%	4.9%	4.6%	9.6%
TERMINAL (d)	3/66 (5%)	3/63 (5%)	3/80 (4%)	7/72 (10%)
FIRST INCIDENCE	488	663	667	681
STATISTICAL TESTS				
POLY 3	P=0.359	P=0.272N	P=0.235N	P=0.513
POLY 1.5	P=0.353	P=0.267N	P=0.243N	P=0.511
POLY 6	P=0.366	P=0.285N	P=0.229N	P=0.513
COCH-ARM / FISHERS	P=0.339	P=0.274N	P=0.268N	P=0.491
MAX-ISO-POLY-3	P=0.297	P=0.180N	P=0.158N	P=0.405

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Inflammation Acute				
LESION RATES				
OVERALL (a)	0/90 (0%)	2/89 (2%)	0/90 (0%)	1/89 (1%)
POLY-3 RATE (b)	0/80.23	2/81.22	0/86.40	1/83.08
POLY-3 PERCENT (g)	0%	2.5%	0%	1.2%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	650	---	681
STATISTICAL TESTS				
POLY 3	P=0.556	P=0.241	(e)	P=0.507
POLY 1.5	P=0.552	P=0.241	(e)	P=0.505
POLY 6	P=0.559	P=0.239	(e)	P=0.509
COCH-ARM / FISHERS	P=0.537	P=0.246	(e)	P=0.497
MAX-ISO-POLY-3	P=0.348	P=0.080	(e)	P=0.168

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	3/90 (3%)	6/89 (7%)	5/90 (6%)	1/89 (1%)
POLY-3 RATE (b)	3/80.23	6/80.71	5/87.41	1/82.89
POLY-3 PERCENT (g)	3.7%	7.4%	5.7%	1.2%
TERMINAL (d)	3/66 (5%)	5/63 (8%)	3/80 (4%)	1/72 (1%)
FIRST INCIDENCE	729 (T)	726	545	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.155N	P=0.249	P=0.406	P=0.295N
POLY 1.5	P=0.160N	P=0.252	P=0.392	P=0.299N
POLY 6	P=0.149N	P=0.242	P=0.420	P=0.292N
COCH-ARM / FISHERS	P=0.177N	P=0.243	P=0.360	P=0.315N
MAX-ISO-POLY-3	P=0.146N	P=0.155	P=0.283	P=0.153N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney Mineral				
LESION RATES				
OVERALL (a)	0/90 (0%)	2/89 (2%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	0/80.23	2/80.70	0/86.40	0/82.89
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/66 (0%)	2/63 (3%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.393N	P=0.240	(e)	(e)
POLY 1.5	P=0.395N	P=0.241	(e)	(e)
POLY 6	P=0.393N	P=0.236	(e)	(e)
COCH-ARM / FISHERS	P=0.407N	P=0.246	(e)	(e)
MAX-ISO-POLY-3	P=0.255N	P=0.079	(e)	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Nephropathy Chronic Progressive				
LESION RATES				
OVERALL (a)	74/90 (82%)	66/89 (74%)	76/90 (84%)	74/89 (83%)
POLY-3 RATE (b)	74/81.86	66/80.97	76/87.83	74/84.84
POLY-3 PERCENT (g)	90.4%	81.5%	86.5%	87.2%
TERMINAL (d)	66/66 (100%)	63/63 (100%)	72/80 (90%)	66/72 (92%)
FIRST INCIDENCE	568	690	545	538
STATISTICAL TESTS				
POLY 3	P=0.498N	P=0.052N	P=0.277N	P=0.328N
POLY 1.5	P=0.474	P=0.056N	P=0.411N	P=0.416N
POLY 6	P=0.338N	P=0.080N	P=0.172N	P=0.246N
COCH-ARM / FISHERS	P=0.270	P=0.130N	P=0.421	P=0.514
MAX-ISO-POLY-3	P=0.231N	P=0.030N*	P=0.206N	P=0.242N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney: Interstitium Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	41/90 (46%)	50/89 (56%)	56/90 (62%)	44/89 (49%)
POLY-3 RATE (b)	41/81.40	50/82.43	56/87.18	44/83.05
POLY-3 PERCENT (g)	50.4%	60.7%	64.2%	53%
TERMINAL (d)	36/66 (55%)	44/63 (70%)	54/80 (68%)	43/72 (60%)
FIRST INCIDENCE	608	547	605	689
STATISTICAL TESTS				
POLY 3	P=0.500	P=0.116	P=0.045*	P=0.428
POLY 1.5	P=0.480	P=0.123	P=0.036*	P=0.419
POLY 6	P=0.514	P=0.096	P=0.053	P=0.426
COCH-ARM / FISHERS	P=0.400	P=0.102	P=0.018*	P=0.356
MAX-ISO-POLY-3	P=0.194	P=0.090	P=0.036*	P=0.367

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney: Papilla				
Mineral				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/86.40	0/82.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Cyst				
LESION RATES				
OVERALL (a)	8/90 (9%)	3/89 (3%)	4/90 (4%)	5/89 (6%)
POLY-3 RATE (b)	8/80.58	3/81.22	4/86.40	5/82.89
POLY-3 PERCENT (g)	9.9%	3.7%	4.6%	6%
TERMINAL (d)	6/66 (9%)	1/63 (2%)	4/80 (5%)	5/72 (7%)
FIRST INCIDENCE	658	656	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.306N	P=0.103N	P=0.153N	P=0.264N
POLY 1.5	P=0.312N	P=0.102N	P=0.161N	P=0.269N
POLY 6	P=0.299N	P=0.106N	P=0.146N	P=0.261N
COCH-ARM / FISHERS	P=0.325N	P=0.109N	P=0.185N	P=0.290N
MAX-ISO-POLY-3	P=0.140N	P=0.058N	P=0.100N	P=0.183N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Mineral				
LESION RATES				
OVERALL (a)	1/90 (1%)	0/89 (0%)	0/90 (0%)	4/89 (4%)
POLY-3 RATE (b)	1/80.50	0/80.70	0/86.40	4/83.26
POLY-3 PERCENT (g)	1.2%	0%	0%	4.8%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	2/72 (3%)
FIRST INCIDENCE	658	---	---	672
STATISTICAL TESTS				
POLY 3	P=0.029*	P=0.500N	P=0.486N	P=0.192
POLY 1.5	P=0.028*	P=0.498N	P=0.490N	P=0.189
POLY 6	P=0.030*	P=0.503N	P=0.483N	P=0.195
COCH-ARM / FISHERS	P=0.028*	P=0.503N	P=0.500N	P=0.180
MAX-ISO-POLY-3	P=0.018*	P=0.159N	P=0.159N	P=0.097

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Angiectasis				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	2/86.68	0/83.68
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	1/80 (1%)	0/72 (0%)
FIRST INCIDENCE	---	---	654	---
STATISTICAL TESTS				
POLY 3	P=0.613	(e)	P=0.256	(e)
POLY 1.5	P=0.608	(e)	P=0.251	(e)
POLY 6	P=0.618	(e)	P=0.261	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.249	(e)
MAX-ISO-POLY-3	P=0.278	(e)	P=0.094	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	1/90 (1%)	2/89 (2%)	4/90 (4%)	3/90 (3%)
POLY-3 RATE (b)	1/80.23	2/81.02	4/86.40	3/83.90
POLY-3 PERCENT (g)	1.3%	2.5%	4.6%	3.6%
TERMINAL (d)	1/66 (2%)	1/63 (2%)	4/80 (5%)	2/72 (3%)
FIRST INCIDENCE	729 (T)	640	729 (T)	672
STATISTICAL TESTS				
POLY 3	P=0.247	P=0.503	P=0.205	P=0.323
POLY 1.5	P=0.241	P=0.504	P=0.199	P=0.319
POLY 6	P=0.253	P=0.499	P=0.211	P=0.326
COCH-ARM / FISHERS	P=0.226	P=0.496	P=0.184	P=0.310
MAX-ISO-POLY-3	P=0.240	P=0.286	P=0.108	P=0.173

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	28/90 (31%)	34/89 (38%)	41/90 (46%)	31/90 (34%)
POLY-3 RATE (b)	28/80.50	34/80.72	41/86.40	31/83.68
POLY-3 PERCENT (g)	34.8%	42.1%	47.5%	37.1%
TERMINAL (d)	27/66 (41%)	33/63 (52%)	41/80 (51%)	31/72 (43%)
FIRST INCIDENCE	658	723	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.474	P=0.210	P=0.064	P=0.444
POLY 1.5	P=0.449	P=0.222	P=0.054	P=0.432
POLY 6	P=0.500	P=0.182	P=0.074	P=0.452
COCH-ARM / FISHERS	P=0.378	P=0.201	P=0.033*	P=0.375
MAX-ISO-POLY-3	P=0.267	P=0.168	P=0.052	P=0.381

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	4/90 (4%)	4/89 (4%)	8/90 (9%)	1/90 (1%)
POLY-3 RATE (b)	4/80.23	4/80.70	8/86.40	1/83.68
POLY-3 PERCENT (g)	5%	5%	9.3%	1.2%
TERMINAL (d)	4/66 (6%)	4/63 (6%)	8/80 (10%)	1/72 (1%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.186N	P=0.638N	P=0.222	P=0.169N
POLY 1.5	P=0.192N	P=0.636N	P=0.212	P=0.172N
POLY 6	P=0.179N	P=0.636	P=0.233	P=0.167N
COCH-ARM / FISHERS	P=0.211N	P=0.634	P=0.185	P=0.184N
MAX-ISO-POLY-3	P=0.106N	P=0.496N	P=0.152	P=0.083N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	2/90 (2%)	2/89 (2%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	2/80.30	2/80.70	2/86.40	0/83.68
POLY-3 PERCENT (g)	2.5%	2.5%	2.3%	0%
TERMINAL (d)	1/66 (2%)	2/63 (3%)	2/80 (3%)	0/72 (0%)
FIRST INCIDENCE	711	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.154N	P=0.691N	P=0.666N	P=0.229N
POLY 1.5	P=0.157N	P=0.689N	P=0.673N	P=0.231N
POLY 6	P=0.151N	P=0.689	P=0.660N	P=0.228N
COCH-ARM / FISHERS	P=0.164N	P=0.685	P=0.690N	P=0.249N
MAX-ISO-POLY-3	P=0.197N	P=0.497N	P=0.470N	P=0.077N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Fatty Change				
LESION RATES				
OVERALL (a)	37/90 (41%)	31/89 (35%)	35/90 (39%)	35/90 (39%)
POLY-3 RATE (b)	37/83.65	31/83.77	35/87.49	35/86.84
POLY-3 PERCENT (g)	44.2%	37%	40%	40.3%
TERMINAL (d)	32/66 (49%)	24/63 (38%)	32/80 (40%)	27/72 (38%)
FIRST INCIDENCE	350	364	503	352
STATISTICAL TESTS				
POLY 3	P=0.422N	P=0.212N	P=0.342N	P=0.357N
POLY 1.5	P=0.448N	P=0.210N	P=0.367N	P=0.378N
POLY 6	P=0.384N	P=0.220N	P=0.313N	P=0.329N
COCH-ARM / FISHERS	P=0.506N	P=0.238N	P=0.440N	P=0.440N
MAX-ISO-POLY-3	P=0.407N	P=0.170N	P=0.292N	P=0.304N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Liver				
Infiltration Cellular Lymphocyte				
<hr/>				
LESION RATES				
OVERALL (a)	2/90 (2%)	0/89 (0%)	0/90 (0%)	2/90 (2%)
POLY-3 RATE (b)	2/80.23	0/80.70	0/86.40	2/83.68
POLY-3 PERCENT (g)	2.5%	0%	0%	2.4%
TERMINAL (d)	2/66 (3%)	0/63 (0%)	0/80 (0%)	2/72 (3%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.508	P=0.237N	P=0.222N	P=0.678N
POLY 1.5	P=0.504	P=0.236N	P=0.227N	P=0.681N
POLY 6	P=0.512	P=0.240N	P=0.218N	P=0.675N
COCH-ARM / FISHERS	P=0.501	P=0.251N	P=0.249N	P=0.690N
MAX-ISO-POLY-3	P=0.269N	P=0.078N	P=0.077N	P=0.482N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Infiltration Cellular Mononuclear Cell				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/86.40	0/83.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/90 (2%)	0/89 (0%)	1/90 (1%)	3/90 (3%)
POLY-3 RATE (b)	2/80.37	0/80.70	1/86.52	3/83.68
POLY-3 PERCENT (g)	2.5%	0%	1.2%	3.6%
TERMINAL (d)	1/66 (2%)	0/63 (0%)	0/80 (0%)	3/72 (4%)
FIRST INCIDENCE	693	---	700	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.253	P=0.237N	P=0.474N	P=0.518
POLY 1.5	P=0.250	P=0.236N	P=0.481N	P=0.515
POLY 6	P=0.258	P=0.241N	P=0.468N	P=0.520
COCH-ARM / FISHERS	P=0.245	P=0.251N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.215	P=0.078N	P=0.267N	P=0.344

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Liver Inflammation Focal				
<hr/>				
LESION RATES				
OVERALL (a)	1/90 (1%)	1/89 (1%)	3/90 (3%)	0/90 (0%)
POLY-3 RATE (b)	1/80.23	1/80.70	3/86.40	0/83.68
POLY-3 PERCENT (g)	1.3%	1.2%	3.5%	0%
TERMINAL (d)	1/66 (2%)	1/63 (2%)	3/80 (4%)	0/72 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.391N	P=0.759N	P=0.334	P=0.492N
POLY 1.5	P=0.395N	P=0.758N	P=0.326	P=0.493N
POLY 6	P=0.385N	P=0.759	P=0.341	P=0.490N
COCH-ARM / FISHERS	P=0.409N	P=0.749	P=0.310	P=0.500N
MAX-ISO-POLY-3	P=0.243N	P=0.498N	P=0.184	P=0.159N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	2/90 (2%)	3/89 (3%)	7/90 (8%)	4/90 (4%)
POLY-3 RATE (b)	2/80.23	3/80.71	7/86.83	4/84.29
POLY-3 PERCENT (g)	2.5%	3.7%	8.1%	4.8%
TERMINAL (d)	2/66 (3%)	2/63 (3%)	6/80 (8%)	3/72 (4%)
FIRST INCIDENCE	729 (T)	726	604	531
STATISTICAL TESTS				
POLY 3	P=0.278	P=0.503	P=0.105	P=0.362
POLY 1.5	P=0.269	P=0.504	P=0.099	P=0.357
POLY 6	P=0.289	P=0.496	P=0.112	P=0.367
COCH-ARM / FISHERS	P=0.247	P=0.495	P=0.084	P=0.341
MAX-ISO-POLY-3	P=0.203	P=0.329	P=0.062	P=0.227

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Liver Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	6/90 (7%)	6/89 (7%)	4/90 (4%)	3/90 (3%)
POLY-3 RATE (b)	6/81.86	6/82.60	4/87.77	3/84.81
POLY-3 PERCENT (g)	7.3%	7.3%	4.6%	3.5%
TERMINAL (d)	2/66 (3%)	2/63 (3%)	1/80 (1%)	0/72 (0%)
FIRST INCIDENCE	420	364	545	464
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.144N	P=0.611N	P=0.331N	P=0.230N
POLY 1.5	P=0.148N	P=0.609N	P=0.342N	P=0.233N
POLY 6	P=0.140N	P=0.615	P=0.320N	P=0.228N
COCH-ARM / FISHERS	P=0.158N	P=0.609	P=0.373N	P=0.248N
MAX-ISO-POLY-3	P=0.232N	P=0.493N	P=0.231N	P=0.144N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver: Bile Duct Cyst				
LESION RATES				
OVERALL (a)	0/90 (0%)	2/89 (2%)	1/90 (1%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	2/80.70	1/86.40	0/83.68
POLY-3 PERCENT (g)	0%	2.5%	1.2%	0%
TERMINAL (d)	0/66 (0%)	2/63 (3%)	1/80 (1%)	0/72 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.443N	P=0.240	P=0.515	(e)
POLY 1.5	P=0.446N	P=0.241	P=0.511	(e)
POLY 6	P=0.441N	P=0.236	P=0.519	(e)
COCH-ARM / FISHERS	P=0.460N	P=0.246	P=0.500	(e)
MAX-ISO-POLY-3	P=0.335N	P=0.079	P=0.177	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver: Hepatocyte Fatty Change Focal				
LESION RATES				
OVERALL (a)	0/90 (0%)	1/89 (1%)	0/90 (0%)	2/90 (2%)
POLY-3 RATE (b)	0/80.23	1/80.70	0/86.40	2/84.08
POLY-3 PERCENT (g)	0%	1.2%	0%	2.4%
TERMINAL (d)	0/66 (0%)	1/63 (2%)	0/80 (0%)	1/72 (1%)
FIRST INCIDENCE	---	729 (T)	---	616
STATISTICAL TESTS				
POLY 3	P=0.149	P=0.501	(e)	P=0.249
POLY 1.5	P=0.147	P=0.502	(e)	P=0.246
POLY 6	P=0.151	P=0.498	(e)	P=0.251
COCH-ARM / FISHERS	P=0.141	P=0.497	(e)	P=0.249
MAX-ISO-POLY-3	P=0.092	P=0.161	(e)	P=0.087

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Liver: Hepatocyte Vacuolization Cytoplasmic				
<hr/>				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/86.40	0/83.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung Congestion				
LESION RATES				
OVERALL (a)	2/90 (2%)	2/89 (2%)	3/90 (3%)	3/90 (3%)
POLY-3 RATE (b)	2/81.20	2/80.70	3/87.02	3/85.05
POLY-3 PERCENT (g)	2.5%	2.5%	3.5%	3.5%
TERMINAL (d)	0/66 (0%)	2/63 (3%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	488	729 (T)	640	352
STATISTICAL TESTS				
POLY 3	P=0.401	P=0.691	P=0.531	P=0.521
POLY 1.5	P=0.394	P=0.692N	P=0.523	P=0.517
POLY 6	P=0.409	P=0.683	P=0.540	P=0.524
COCH-ARM / FISHERS	P=0.374	P=0.685	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.550	P=0.497	P=0.358	P=0.347

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Lung Hemorrhage				
<hr/>				
LESION RATES				
OVERALL (a)	3/90 (3%)	5/89 (6%)	4/90 (4%)	3/90 (3%)
POLY-3 RATE (b)	3/80.37	5/81.31	4/86.40	3/84.57
POLY-3 PERCENT (g)	3.7%	6.2%	4.6%	3.6%
TERMINAL (d)	2/66 (3%)	4/63 (6%)	4/80 (5%)	2/72 (3%)
FIRST INCIDENCE	693	533	729 (T)	352
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.447N	P=0.365	P=0.539	P=0.637N
POLY 1.5	P=0.455N	P=0.366	P=0.528	P=0.642N
POLY 6	P=0.440N	P=0.358	P=0.548	P=0.634N
COCH-ARM / FISHERS	P=0.480N	P=0.354	P=0.500	P=0.659N
MAX-ISO-POLY-3	P=0.535N	P=0.242	P=0.389	P=0.474N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung				
Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	6/90 (7%)	1/89 (1%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	6/80.23	1/81.21	1/86.40	2/83.84
POLY-3 PERCENT (g)	7.5%	1.2%	1.2%	2.4%
TERMINAL (d)	6/66 (9%)	0/63 (0%)	1/80 (1%)	1/72 (1%)
FIRST INCIDENCE	729 (T)	572	729 (T)	689
STATISTICAL TESTS				
POLY 3	P=0.110N	P=0.058N	P=0.049N*	P=0.124N
POLY 1.5	P=0.112N	P=0.058N	P=0.052N	P=0.128N
POLY 6	P=0.107N	P=0.060N	P=0.046N*	P=0.122N
COCH-ARM / FISHERS	P=0.116N	P=0.061N	P=0.059N	P=0.139N
MAX-ISO-POLY-3	P=0.023N*	P=0.026N*	P=0.024N*	P=0.069N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	1/90 (1%)	0/89 (0%)	1/90 (1%)	0/90 (0%)
POLY-3 RATE (b)	1/80.23	0/80.70	1/86.40	0/83.68
POLY-3 PERCENT (g)	1.3%	0%	1.2%	0%
TERMINAL (d)	1/66 (2%)	0/63 (0%)	1/80 (1%)	0/72 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Epithelium Hyperplasia Focal				
LESION RATES				
OVERALL (a)	6/90 (7%)	8/89 (9%)	8/90 (9%)	7/90 (8%)
POLY-3 RATE (b)	6/80.23	8/81.33	8/86.72	7/83.68
POLY-3 PERCENT (g)	7.5%	9.8%	9.2%	8.4%
TERMINAL (d)	6/66 (9%)	7/63 (11%)	7/80 (9%)	7/72 (10%)
FIRST INCIDENCE	729 (T)	523	640	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.529	P=0.400	P=0.450	P=0.531
POLY 1.5	P=0.519	P=0.401	P=0.433	P=0.525
POLY 6	P=0.540	P=0.392	P=0.466	P=0.536
COCH-ARM / FISHERS	P=0.490	P=0.382	P=0.391	P=0.500
MAX-ISO-POLY-3	P=0.564	P=0.299	P=0.347	P=0.417

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mandibular Hemorrhage				
LESION RATES				
OVERALL (a)	0/72 (0%)	1/61 (2%)	0/63 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/63.14	1/55.18	0/60.53	0/57.11
POLY-3 PERCENT (g)	0%	1.8%	0%	0%
TERMINAL (d)	0/52 (0%)	0/43 (0%)	0/57 (0%)	0/51 (0%)
FIRST INCIDENCE	---	663	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mandibular Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/72 (3%)	0/61 (0%)	0/63 (0%)	0/60 (0%)
POLY-3 RATE (b)	2/63.40	0/54.93	0/60.53	0/57.11
POLY-3 PERCENT (g)	3.2%	0%	0%	0%
TERMINAL (d)	1/52 (2%)	0/43 (0%)	0/57 (0%)	0/51 (0%)
FIRST INCIDENCE	658	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.131N	P=0.270N	P=0.248N	P=0.261N
POLY 1.5	P=0.132N	P=0.269N	P=0.253N	P=0.265N
POLY 6	P=0.130N	P=0.274N	P=0.244N	P=0.258N
COCH-ARM / FISHERS	P=0.131N	P=0.291N	P=0.283N	P=0.296N
MAX-ISO-POLY-3	P=0.047N*	P=0.098N	P=0.084N	P=0.089N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mandibular Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	1/72 (1%)	0/61 (0%)	0/63 (0%)	1/60 (2%)
POLY-3 RATE (b)	1/63.14	0/54.93	0/60.53	1/57.11
POLY-3 PERCENT (g)	1.6%	0%	0%	1.8%
TERMINAL (d)	1/52 (2%)	0/43 (0%)	0/57 (0%)	1/51 (2%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Erythrophagocytosis				
LESION RATES				
OVERALL (a)	1/85 (1%)	5/82 (6%)	4/88 (5%)	1/83 (1%)
POLY-3 RATE (b)	1/76.62	5/74.82	4/84.68	1/77.98
POLY-3 PERCENT (g)	1.3%	6.7%	4.7%	1.3%
TERMINAL (d)	0/64 (0%)	5/60 (8%)	4/79 (5%)	0/68 (0%)
FIRST INCIDENCE	725	729 (T)	729 (T)	538
STATISTICAL TESTS				
POLY 3	P=0.372N	P=0.100	P=0.214	P=0.757N
POLY 1.5	P=0.379N	P=0.101	P=0.208	P=0.759N
POLY 6	P=0.365N	P=0.096	P=0.219	P=0.754N
COCH-ARM / FISHERS	P=0.401N	P=0.097	P=0.195	P=0.746
MAX-ISO-POLY-3	P=0.263N	P=0.045*	P=0.115	P=0.494N

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Hemorrhage				
LESION RATES				
OVERALL (a)	10/85 (12%)	11/82 (13%)	7/88 (8%)	13/83 (16%)
POLY-3 RATE (b)	10/77.16	11/75.09	7/84.86	13/78.43
POLY-3 PERCENT (g)	13%	14.7%	8.3%	16.6%
TERMINAL (d)	8/64 (13%)	8/60 (13%)	6/79 (8%)	11/68 (16%)
FIRST INCIDENCE	588	667	682	352
STATISTICAL TESTS				
POLY 3	P=0.345	P=0.473	P=0.236N	P=0.341
POLY 1.5	P=0.336	P=0.480	P=0.247N	P=0.335
POLY 6	P=0.355	P=0.458	P=0.226N	P=0.346
COCH-ARM / FISHERS	P=0.308	P=0.465	P=0.279N	P=0.305
MAX-ISO-POLY-3	P=0.310	P=0.381	P=0.174N	P=0.266

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	4/85 (5%)	2/82 (2%)	2/88 (2%)	5/83 (6%)
POLY-3 RATE (b)	4/76.61	2/74.82	2/84.68	5/77.38
POLY-3 PERCENT (g)	5.2%	2.7%	2.4%	6.5%
TERMINAL (d)	4/64 (6%)	2/60 (3%)	2/79 (3%)	5/68 (7%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.344	P=0.350N	P=0.295N	P=0.506
POLY 1.5	P=0.339	P=0.348N	P=0.302N	P=0.502
POLY 6	P=0.351	P=0.356N	P=0.287N	P=0.510
COCH-ARM / FISHERS	P=0.329	P=0.358N	P=0.325N	P=0.485
MAX-ISO-POLY-3	P=0.280	P=0.212N	P=0.180N	P=0.372

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	8/85 (9%)	7/82 (9%)	5/88 (6%)	4/83 (5%)
POLY-3 RATE (b)	8/76.75	7/74.82	5/84.68	4/77.57
POLY-3 PERCENT (g)	10.4%	9.4%	5.9%	5.2%
TERMINAL (d)	7/64 (11%)	7/60 (12%)	5/79 (6%)	3/68 (4%)
FIRST INCIDENCE	693	729 (T)	729 (T)	681
STATISTICAL TESTS				
POLY 3	P=0.114N	P=0.521N	P=0.223N	P=0.179N
POLY 1.5	P=0.118N	P=0.516N	P=0.233N	P=0.182N
POLY 6	P=0.109N	P=0.534N	P=0.214N	P=0.175N
COCH-ARM / FISHERS	P=0.128N	P=0.529N	P=0.261N	P=0.197N
MAX-ISO-POLY-3	P=0.180N	P=0.411N	P=0.156N	P=0.113N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	0/85 (0%)	2/82 (2%)	0/88 (0%)	0/83 (0%)
POLY-3 RATE (b)	0/76.61	2/74.82	0/84.68	0/77.38
POLY-3 PERCENT (g)	0%	2.7%	0%	0%
TERMINAL (d)	0/64 (0%)	2/60 (3%)	0/79 (0%)	0/68 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.395N	P=0.233	(e)	(e)
POLY 1.5	P=0.396N	P=0.234	(e)	(e)
POLY 6	P=0.395N	P=0.230	(e)	(e)
COCH-ARM / FISHERS	P=0.406N	P=0.240	(e)	(e)
MAX-ISO-POLY-3	P=0.250N	P=0.075	(e)	(e)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Infiltration Cellular Plasma Cell				
LESION RATES				
OVERALL (a)	1/85 (1%)	1/82 (1%)	1/88 (1%)	1/83 (1%)
POLY-3 RATE (b)	1/76.61	1/74.82	1/84.68	1/77.38
POLY-3 PERCENT (g)	1.3%	1.3%	1.2%	1.3%
TERMINAL (d)	1/64 (2%)	1/60 (2%)	1/79 (1%)	1/68 (2%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Bronchial Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/6 (0%)	0/8 (0%)	0/7 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/3.64	0/6.04	0/6.82	0/8.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/3 (0%)	0/6 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Lymph Node: Iliac Hemorrhage				
<hr/>				
LESION RATES				
OVERALL (a)	0/6 (0%)	1/8 (13%)	0/7 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/3.64	1/6.14	0/6.82	0/8.41
POLY-3 PERCENT (g)	0%	16.3%	0%	0%
TERMINAL (d)	0/1 (0%)	0/3 (0%)	0/6 (0%)	0/5 (0%)
FIRST INCIDENCE	---	702	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Iliac Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/6 (0%)	1/8 (13%)	0/7 (0%)	2/9 (22%)
POLY-3 RATE (b)	0/3.64	1/6.04	0/6.82	2/8.45
POLY-3 PERCENT (g)	0%	16.6%	0%	23.7%
TERMINAL (d)	0/1 (0%)	1/3 (33%)	0/6 (0%)	1/5 (20%)
FIRST INCIDENCE	---	729 (T)	---	719
STATISTICAL TESTS				
POLY 3	P=0.271	P=0.600	(e)	P=0.439
POLY 1.5	P=0.244	P=0.589	(e)	P=0.401
POLY 6	P=0.292	P=0.603	(e)	P=0.474
COCH-ARM / FISHERS	P=0.187	P=0.571	(e)	P=0.343
MAX-ISO-POLY-3	P=0.332	P=0.256	(e)	P=0.235

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Iliac Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/6 (0%)	2/8 (25%)	2/7 (29%)	0/9 (0%)
POLY-3 RATE (b)	0/3.64	2/6.04	2/6.82	0/8.41
POLY-3 PERCENT (g)	0%	33.1%	29.3%	0%
TERMINAL (d)	0/1 (0%)	2/3 (67%)	2/6 (33%)	0/5 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.218N	P=0.343	P=0.385	(e)
POLY 1.5	P=0.270N	P=0.333	P=0.339	(e)
POLY 6	P=0.177N	P=0.340	P=0.430	(e)
COCH-ARM / FISHERS	P=0.397N	P=0.308	P=0.269	(e)
MAX-ISO-POLY-3	P=0.352N	P=0.149	P=0.197	(e)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Iliac Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	0/6 (0%)	0/8 (0%)	0/7 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/3.64	0/6.04	0/6.82	0/8.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/3 (0%)	0/6 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Iliac Pigment				
LESION RATES				
OVERALL (a)	0/6 (0%)	0/8 (0%)	2/7 (29%)	0/9 (0%)
POLY-3 RATE (b)	0/3.64	0/6.04	2/6.82	0/8.41
POLY-3 PERCENT (g)	0%	0%	29.3%	0%
TERMINAL (d)	0/1 (0%)	0/3 (0%)	2/6 (33%)	0/5 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.583N	(e)	P=0.385	(e)
POLY 1.5	P=0.638N	(e)	P=0.339	(e)
POLY 6	P=0.519N	(e)	P=0.430	(e)
COCH-ARM / FISHERS	P=0.663	(e)	P=0.269	(e)
MAX-ISO-POLY-3	P=0.447	(e)	P=0.197	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Mediastinal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/6 (0%)	0/8 (0%)	0/7 (0%)	1/9 (11%)
POLY-3 RATE (b)	0/3.64	0/6.04	0/6.82	1/8.41
POLY-3 PERCENT (g)	0%	0%	0%	11.9%
TERMINAL (d)	0/1 (0%)	0/3 (0%)	0/6 (0%)	1/5 (20%)
FIRST INCIDENCE	---	---	---	729 (T)
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Pancreatic Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/6 (0%)	0/8 (0%)	2/7 (29%)	0/9 (0%)
POLY-3 RATE (b)	0/3.64	0/6.04	2/6.82	0/8.41
POLY-3 PERCENT (g)	0%	0%	29.3%	0%
TERMINAL (d)	0/1 (0%)	0/3 (0%)	2/6 (33%)	0/5 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.583N	(e)	P=0.385	(e)
POLY 1.5	P=0.638N	(e)	P=0.339	(e)
POLY 6	P=0.519N	(e)	P=0.430	(e)
COCH-ARM / FISHERS	P=0.663	(e)	P=0.269	(e)
MAX-ISO-POLY-3	P=0.447	(e)	P=0.197	(e)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Renal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/6 (0%)	0/8 (0%)	1/7 (14%)	0/9 (0%)
POLY-3 RATE (b)	0/3.64	0/6.04	1/7.00	0/8.41
POLY-3 PERCENT (g)	0%	0%	14.3%	0%
TERMINAL (d)	0/1 (0%)	0/3 (0%)	0/6 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	682	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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: Duct Dilation				
LESION RATES				
OVERALL (a)	0/2 (0%)	0/5 (0%)	0/2 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/2.00	0/4.05	0/2.00	0/7.11
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/2 (0%)	0/2 (0%)	0/2 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mesentery: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/12 (0%)	1/14 (7%)	0/13 (0%)	2/17 (12%)
POLY-3 RATE (b)	0/10.41	1/13.33	0/12.77	2/16.74
POLY-3 PERCENT (g)	0%	7.5%	0%	12%
TERMINAL (d)	0/8 (0%)	1/11 (9%)	0/12 (0%)	0/14 (0%)
FIRST INCIDENCE	---	729 (T)	---	681
STATISTICAL TESTS				
POLY 3	P=0.221	P=0.549	(e)	P=0.347
POLY 1.5	P=0.212	P=0.544	(e)	P=0.336
POLY 6	P=0.229	P=0.552	(e)	P=0.358
COCH-ARM / FISHERS	P=0.194	P=0.538	(e)	P=0.335
MAX-ISO-POLY-3	P=0.212	P=0.209	(e)	P=0.161

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mesentery: Fat Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/12 (0%)	0/14 (0%)	0/13 (0%)	0/17 (0%)
POLY-3 RATE (b)	0/10.41	0/13.33	0/12.77	0/16.40
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/8 (0%)	0/11 (0%)	0/12 (0%)	0/14 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	8/12 (67%)	11/14 (79%)	12/13 (92%)	13/17 (76%)
POLY-3 RATE (b)	8/11.30	11/13.73	12/13.00	13/16.66
POLY-3 PERCENT (g)	70.8%	80.1%	92.3%	78%
TERMINAL (d)	7/8 (88%)	9/11 (82%)	11/12 (92%)	12/14 (86%)
FIRST INCIDENCE	350	618	667	658
STATISTICAL TESTS				
POLY 3	P=0.470	P=0.471	P=0.187	P=0.505
POLY 1.5	P=0.441	P=0.442	P=0.159	P=0.475
POLY 6	P=0.506	P=0.515	P=0.240	P=0.547
COCH-ARM / FISHERS	P=0.403	P=0.404	P=0.136	P=0.432
MAX-ISO-POLY-3	P=0.340	P=0.303	P=0.084	P=0.346

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	5/90 (6%)	0/89 (0%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	5/81.19	0/80.70	0/86.40	0/82.68
POLY-3 PERCENT (g)	6.2%	0%	0%	0%
TERMINAL (d)	3/66 (5%)	0/63 (0%)	0/80 (0%)	0/71 (0%)
FIRST INCIDENCE	420	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.008N**	P=0.034N*	P=0.028N*	P=0.032N*
POLY 1.5	P=0.008N**	P=0.033N*	P=0.030N*	P=0.032N*
POLY 6	P=0.008N**	P=0.035N*	P=0.027N*	P=0.032N*
COCH-ARM / FISHERS	P=0.009N**	P=0.030N*	P=0.030N*	P=0.030N*
MAX-ISO-POLY-3	P<0.001N**	P=0.011N*	P=0.011N*	P=0.011N*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pancreas				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	3/87 (3%)	5/88 (6%)	3/88 (3%)	1/86 (1%)
POLY-3 RATE (b)	3/78.28	5/80.21	3/84.87	1/80.59
POLY-3 PERCENT (g)	3.8%	6.2%	3.5%	1.2%
TERMINAL (d)	3/65 (5%)	5/63 (8%)	3/80 (4%)	1/70 (1%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.148N	P=0.372	P=0.623N	P=0.296N
POLY 1.5	P=0.152N	P=0.375	P=0.632N	P=0.300N
POLY 6	P=0.144N	P=0.364	P=0.614N	P=0.294N
COCH-ARM / FISHERS	P=0.164N	P=0.366	P=0.654N	P=0.315N
MAX-ISO-POLY-3	P=0.171N	P=0.248	P=0.460N	P=0.153N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pancreas: Acinus Atrophy				
LESION RATES				
OVERALL (a)	0/87 (0%)	1/88 (1%)	0/88 (0%)	0/86 (0%)
POLY-3 RATE (b)	0/78.28	1/80.21	0/84.87	0/80.59
POLY-3 PERCENT (g)	0%	1.3%	0%	0%
TERMINAL (d)	0/65 (0%)	1/63 (2%)	0/80 (0%)	0/70 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pancreas: Duct Cyst				
LESION RATES				
OVERALL (a)	1/87 (1%)	2/88 (2%)	0/88 (0%)	0/86 (0%)
POLY-3 RATE (b)	1/78.43	2/80.21	0/84.87	0/80.59
POLY-3 PERCENT (g)	1.3%	2.5%	0%	0%
TERMINAL (d)	0/65 (0%)	2/63 (3%)	0/80 (0%)	0/70 (0%)
FIRST INCIDENCE	693	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.183N	P=0.508	P=0.484N	P=0.495N
POLY 1.5	P=0.185N	P=0.510	P=0.488N	P=0.496N
POLY 6	P=0.182N	P=0.502	P=0.481N	P=0.493N
COCH-ARM / FISHERS	P=0.190N	P=0.504	P=0.497N	P=0.503N
MAX-ISO-POLY-3	P=0.177N	P=0.290	P=0.158N	P=0.159N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Parathyroid Gland Cyst				
LESION RATES				
OVERALL (a)	0/68 (0%)	2/68 (3%)	4/67 (6%)	1/66 (2%)
POLY-3 RATE (b)	0/63.31	2/63.19	4/64.22	1/62.10
POLY-3 PERCENT (g)	0%	3.2%	6.2%	1.6%
TERMINAL (d)	0/55 (0%)	1/51 (2%)	4/60 (7%)	1/53 (2%)
FIRST INCIDENCE	---	656	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.417	P=0.237	P=0.064	P=0.496
POLY 1.5	P=0.417	P=0.239	P=0.063	P=0.496
POLY 6	P=0.413	P=0.234	P=0.065	P=0.495
COCH-ARM / FISHERS	P=0.410	P=0.248	P=0.058	P=0.493
MAX-ISO-POLY-3	P=0.140	P=0.077	P=0.022*	P=0.157

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Peripheral Nerve, Sciatic: Axon Degeneration				
LESION RATES				
OVERALL (a)	9/89 (10%)	9/89 (10%)	9/90 (10%)	4/89 (4%)
POLY-3 RATE (b)	9/80.09	9/80.98	9/86.40	4/82.95
POLY-3 PERCENT (g)	11.2%	11.1%	10.4%	4.8%
TERMINAL (d)	8/66 (12%)	8/63 (13%)	9/80 (11%)	4/72 (6%)
FIRST INCIDENCE	622	651	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.081N	P=0.589N	P=0.531N	P=0.110N
POLY 1.5	P=0.084N	P=0.583N	P=0.545N	P=0.113N
POLY 6	P=0.077N	P=0.593	P=0.520N	P=0.109N
COCH-ARM / FISHERS	P=0.096N	P=0.598N	P=0.588N	P=0.124N
MAX-ISO-POLY-3	P=0.127N	P=0.489N	P=0.433N	P=0.068N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Angiectasis				
LESION RATES				
OVERALL (a)	1/86 (1%)	0/85 (0%)	0/87 (0%)	0/85 (0%)
POLY-3 RATE (b)	1/77.74	0/77.48	0/83.79	0/78.89
POLY-3 PERCENT (g)	1.3%	0%	0%	0%
TERMINAL (d)	1/64 (2%)	0/61 (0%)	0/79 (0%)	0/68 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Cyst				
LESION RATES				
OVERALL (a)	3/86 (3%)	4/85 (5%)	3/87 (3%)	4/85 (5%)
POLY-3 RATE (b)	3/77.74	4/77.48	3/83.79	4/78.89
POLY-3 PERCENT (g)	3.9%	5.2%	3.6%	5.1%
TERMINAL (d)	3/64 (5%)	4/61 (7%)	3/79 (4%)	4/68 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.478	P=0.498	P=0.626N	P=0.508
POLY 1.5	P=0.474	P=0.502	P=0.634N	P=0.506
POLY 6	P=0.483	P=0.491	P=0.617N	P=0.510
COCH-ARM / FISHERS	P=0.459	P=0.493	P=0.654N	P=0.493
MAX-ISO-POLY-3	P=0.565	P=0.348	P=0.463N	P=0.358

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Pituitary Gland: Pars Distalis Hyperplasia Focal				
<hr/>				
LESION RATES				
OVERALL (a)	1/86 (1%)	2/85 (2%)	1/87 (1%)	0/85 (0%)
POLY-3 RATE (b)	1/77.74	2/77.48	1/83.79	0/78.89
POLY-3 PERCENT (g)	1.3%	2.6%	1.2%	0%
TERMINAL (d)	1/64 (2%)	2/61 (3%)	1/79 (1%)	0/68 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.241N	P=0.499	P=0.744N	P=0.497N
POLY 1.5	P=0.243N	P=0.501	P=0.747N	P=0.498N
POLY 6	P=0.240N	P=0.494	P=0.739N	P=0.496N
COCH-ARM / FISHERS	P=0.249N	P=0.496	P=0.749N	P=0.503N
MAX-ISO-POLY-3	P=0.231N	P=0.281	P=0.478N	P=0.159N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Preputial Gland Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	43/89 (48%)	32/88 (36%)	38/90 (42%)	33/89 (37%)
POLY-3 RATE (b)	43/81.31	32/80.15	38/87.08	33/83.17
POLY-3 PERCENT (g)	52.9%	39.9%	43.6%	39.7%
TERMINAL (d)	35/66 (53%)	29/62 (47%)	36/80 (45%)	31/72 (43%)
FIRST INCIDENCE	488	651	630	658
STATISTICAL TESTS				
POLY 3	P=0.095N	P=0.064N	P=0.146N	P=0.059N
POLY 1.5	P=0.105N	P=0.058N	P=0.168N	P=0.061N
POLY 6	P=0.086N	P=0.083N	P=0.132N	P=0.060N
COCH-ARM / FISHERS	P=0.139N	P=0.072N	P=0.252N	P=0.086N
MAX-ISO-POLY-3	P=0.069N	P=0.047N*	P=0.121N	P=0.044N*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Preputial Gland: Bilateral, Duct Dilation				
LESION RATES				
OVERALL (a)	6/89 (7%)	2/88 (2%)	9/90 (10%)	2/89 (2%)
POLY-3 RATE (b)	6/79.65	2/79.82	9/86.94	2/82.89
POLY-3 PERCENT (g)	7.5%	2.5%	10.4%	2.4%
TERMINAL (d)	4/66 (6%)	0/62 (0%)	7/80 (9%)	2/72 (3%)
FIRST INCIDENCE	695	702	605	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.221N	P=0.137N	P=0.359	P=0.126N
POLY 1.5	P=0.228N	P=0.136N	P=0.343	P=0.128N
POLY 6	P=0.213N	P=0.143N	P=0.373	P=0.124N
COCH-ARM / FISHERS	P=0.246N	P=0.143N	P=0.303	P=0.139N
MAX-ISO-POLY-3	P=0.134N	P=0.073N	P=0.272	P=0.069N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Preputial Gland: Duct Dilation				
LESION RATES				
OVERALL (a)	16/89 (18%)	8/88 (9%)	20/90 (22%)	6/89 (7%)
POLY-3 RATE (b)	16/79.65	8/80.28	20/87.13	6/83.64
POLY-3 PERCENT (g)	20.1%	10%	23%	7.2%
TERMINAL (d)	14/66 (21%)	5/62 (8%)	17/80 (21%)	4/72 (6%)
FIRST INCIDENCE	695	594	605	538
STATISTICAL TESTS				
POLY 3	P=0.045N*	P=0.057N	P=0.397	P=0.013N*
POLY 1.5	P=0.050N*	P=0.057N	P=0.369	P=0.015N*
POLY 6	P=0.040N*	P=0.061N	P=0.424	P=0.012N*
COCH-ARM / FISHERS	P=0.065N	P=0.065N	P=0.301	P=0.019N*
MAX-ISO-POLY-3	P=0.018N*	P=0.036N*	P=0.333	P=0.008N**

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Prostate Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	4/90 (4%)	3/87 (3%)	6/90 (7%)	9/87 (10%)
POLY-3 RATE (b)	4/80.47	3/79.02	6/86.40	9/81.63
POLY-3 PERCENT (g)	5%	3.8%	6.9%	11%
TERMINAL (d)	3/66 (5%)	3/62 (5%)	6/80 (8%)	9/71 (13%)
FIRST INCIDENCE	667	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.047*	P=0.510N	P=0.417	P=0.129
POLY 1.5	P=0.045*	P=0.507N	P=0.405	P=0.125
POLY 6	P=0.050*	P=0.518N	P=0.428	P=0.132
COCH-ARM / FISHERS	P=0.039*	P=0.519N	P=0.373	P=0.112
MAX-ISO-POLY-3	P=0.073	P=0.358N	P=0.303	P=0.081

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Prostate Inflammation Acute				
LESION RATES				
OVERALL (a)	0/90 (0%)	1/87 (1%)	0/90 (0%)	5/87 (6%)
POLY-3 RATE (b)	0/80.23	1/79.25	0/86.40	5/82.45
POLY-3 PERCENT (g)	0%	1.3%	0%	6.1%
TERMINAL (d)	0/66 (0%)	0/62 (0%)	0/80 (0%)	1/71 (1%)
FIRST INCIDENCE	---	667	---	614
STATISTICAL TESTS				
POLY 3	P=0.004**	P=0.498	(e)	P=0.036*
POLY 1.5	P=0.004**	P=0.498	(e)	P=0.034*
POLY 6	P=0.004**	P=0.495	(e)	P=0.037*
COCH-ARM / FISHERS	P=0.004**	P=0.492	(e)	P=0.027*
MAX-ISO-POLY-3	P=0.004**	P=0.158	(e)	P=0.013*

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Salivary Glands				
Infiltration Cellular Lymphocyte				
<hr/>				
LESION RATES				
OVERALL (a)	58/90 (64%)	59/89 (66%)	65/89 (73%)	65/89 (73%)
POLY-3 RATE (b)	58/82.75	59/83.70	65/87.67	65/85.58
POLY-3 PERCENT (g)	70.1%	70.5%	74.2%	76%
TERMINAL (d)	49/66 (74%)	46/63 (73%)	58/79 (73%)	55/71 (78%)
FIRST INCIDENCE	568	594	545	488
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.184	P=0.546	P=0.336	P=0.242
POLY 1.5	P=0.157	P=0.549	P=0.274	P=0.218
POLY 6	P=0.210	P=0.512	P=0.392	P=0.256
COCH-ARM / FISHERS	P=0.094	P=0.459	P=0.140	P=0.140
MAX-ISO-POLY-3	P=0.296	P=0.476	P=0.282	P=0.195

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Seminal Vesicle Dilation				
LESION RATES				
OVERALL (a)	31/90 (34%)	30/88 (34%)	28/90 (31%)	33/90 (37%)
POLY-3 RATE (b)	31/82.86	30/82.34	28/88.24	33/86.05
POLY-3 PERCENT (g)	37.4%	36.4%	31.7%	38.4%
TERMINAL (d)	22/66 (33%)	21/63 (33%)	23/80 (29%)	24/72 (33%)
FIRST INCIDENCE	455	533	503	531
STATISTICAL TESTS				
POLY 3	P=0.489	P=0.512N	P=0.268N	P=0.513
POLY 1.5	P=0.467	P=0.507N	P=0.294N	P=0.497
POLY 6	P=0.515	P=0.532N	P=0.245N	P=0.530
COCH-ARM / FISHERS	P=0.411	P=0.543N	P=0.375N	P=0.438
MAX-ISO-POLY-3	P=0.530	P=0.447N	P=0.225N	P=0.450

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Seminal Vesicle Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/90 (1%)	2/88 (2%)	1/90 (1%)	1/90 (1%)
POLY-3 RATE (b)	1/80.43	2/79.71	1/86.40	1/83.87
POLY-3 PERCENT (g)	1.2%	2.5%	1.2%	1.2%
TERMINAL (d)	0/66 (0%)	2/63 (3%)	1/80 (1%)	0/72 (0%)
FIRST INCIDENCE	676	729 (T)	729 (T)	681
STATISTICAL TESTS				
POLY 3	P=0.512N	P=0.497	P=0.744N	P=0.751N
POLY 1.5	P=0.516N	P=0.499	P=0.749N	P=0.753N
POLY 6	P=0.509N	P=0.491	P=0.740N	P=0.750N
COCH-ARM / FISHERS	P=0.528N	P=0.492	P=0.751N	P=0.751N
MAX-ISO-POLY-3	P=0.569N	P=0.279	P=0.479N	P=0.488N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Seminal Vesicle: Bilateral Dilation				
LESION RATES				
OVERALL (a)	27/90 (30%)	26/88 (30%)	23/90 (26%)	29/90 (32%)
POLY-3 RATE (b)	27/82.83	26/82.34	23/88.24	29/86.05
POLY-3 PERCENT (g)	32.6%	31.6%	26.1%	33.7%
TERMINAL (d)	19/66 (29%)	17/63 (27%)	18/80 (23%)	20/72 (28%)
FIRST INCIDENCE	455	533	503	531
STATISTICAL TESTS				
POLY 3	P=0.482	P=0.511N	P=0.221N	P=0.504
POLY 1.5	P=0.463	P=0.506N	P=0.242N	P=0.490
POLY 6	P=0.505	P=0.527N	P=0.202N	P=0.520
COCH-ARM / FISHERS	P=0.413	P=0.539N	P=0.309N	P=0.436
MAX-ISO-POLY-3	P=0.487	P=0.442N	P=0.182N	P=0.439

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Degeneration				
LESION RATES				
OVERALL (a)	1/90 (1%)	0/89 (0%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	1/80.37	0/80.70	0/86.40	1/83.68
POLY-3 PERCENT (g)	1.2%	0%	0%	1.2%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	1/72 (1%)
FIRST INCIDENCE	695	---	---	729 (T)
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	3/90 (3%)	0/89 (0%)	5/90 (6%)	5/90 (6%)
POLY-3 RATE (b)	3/80.23	0/80.70	5/86.40	5/83.68
POLY-3 PERCENT (g)	3.7%	0%	5.8%	6%
TERMINAL (d)	3/66 (5%)	0/63 (0%)	5/80 (6%)	5/72 (7%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.128	P=0.120N	P=0.400	P=0.382
POLY 1.5	P=0.124	P=0.119N	P=0.389	P=0.377
POLY 6	P=0.133	P=0.123N	P=0.410	P=0.386
COCH-ARM / FISHERS	P=0.118	P=0.125N	P=0.360	P=0.360
MAX-ISO-POLY-3	P=0.148	P=0.040N*	P=0.277	P=0.259

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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: Arteriole Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/86.40	0/83.68
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Skin				
Ulcer				
<hr/>				
LESION RATES				
OVERALL (a)	2/90 (2%)	2/89 (2%)	2/90 (2%)	1/90 (1%)
POLY-3 RATE (b)	2/80.23	2/80.99	2/86.40	1/83.68
POLY-3 PERCENT (g)	2.5%	2.5%	2.3%	1.2%
TERMINAL (d)	2/66 (3%)	1/63 (2%)	2/80 (3%)	1/72 (1%)
FIRST INCIDENCE	729 (T)	650	729 (T)	729 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.357N	P=0.689N	P=0.666N	P=0.485N
POLY 1.5	P=0.361N	P=0.689N	P=0.673N	P=0.488N
POLY 6	P=0.352N	P=0.692	P=0.659N	P=0.483N
COCH-ARM / FISHERS	P=0.372N	P=0.685	P=0.690N	P=0.500N
MAX-ISO-POLY-3	P=0.462N	P=0.495N	P=0.470N	P=0.273N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin: Hair Follicle Atrophy				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/89 (0%)	0/90 (0%)	2/90 (2%)
POLY-3 RATE (b)	0/80.23	0/80.70	0/86.40	2/83.68
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	2/72 (3%)
FIRST INCIDENCE	---	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.048*	(e)	(e)	P=0.248
POLY 1.5	P=0.048*	(e)	(e)	P=0.246
POLY 6	P=0.049*	(e)	(e)	P=0.249
COCH-ARM / FISHERS	P=0.047*	(e)	(e)	P=0.249
MAX-ISO-POLY-3	P=0.041*	(e)	(e)	P=0.086

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Spinal Cord Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	1/90 (1%)	1/89 (1%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	1/80.23	1/80.70	0/86.40	1/83.68
POLY-3 PERCENT (g)	1.3%	1.2%	0%	1.2%
TERMINAL (d)	1/66 (2%)	1/63 (2%)	0/80 (0%)	1/72 (1%)
FIRST INCIDENCE	729 (T)	729 (T)	---	729 (T)
<hr/>				
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spinal Cord: Artery, Meninges Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/90 (1%)	0/89 (0%)	2/90 (2%)	1/90 (1%)
POLY-3 RATE (b)	1/80.23	0/80.70	2/86.40	1/83.68
POLY-3 PERCENT (g)	1.3%	0%	2.3%	1.2%
TERMINAL (d)	1/66 (2%)	0/63 (0%)	2/80 (3%)	1/72 (1%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.516	P=0.499N	P=0.526	P=0.751N
POLY 1.5	P=0.511	P=0.498N	P=0.519	P=0.753N
POLY 6	P=0.522	P=0.502N	P=0.532	P=0.750N
COCH-ARM / FISHERS	P=0.501	P=0.503N	P=0.500	P=0.751N
MAX-ISO-POLY-3	P=0.416	P=0.159N	P=0.309	P=0.487N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spleen				
Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	15/87 (17%)	15/88 (17%)	13/89 (15%)	12/88 (14%)
POLY-3 RATE (b)	15/80.35	15/82.49	13/86.73	12/82.60
POLY-3 PERCENT (g)	18.7%	18.2%	15%	14.5%
TERMINAL (d)	8/66 (12%)	7/63 (11%)	10/80 (13%)	10/72 (14%)
FIRST INCIDENCE	667	523	545	689
STATISTICAL TESTS				
POLY 3	P=0.240N	P=0.549N	P=0.335N	P=0.309N
POLY 1.5	P=0.246N	P=0.548N	P=0.353N	P=0.313N
POLY 6	P=0.233N	P=0.562N	P=0.319N	P=0.307N
COCH-ARM / FISHERS	P=0.257N	P=0.566N	P=0.393N	P=0.326N
MAX-ISO-POLY-3	P=0.387N	P=0.468N	P=0.270N	P=0.242N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spleen				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	5/87 (6%)	2/88 (2%)	5/89 (6%)	3/88 (3%)
POLY-3 RATE (b)	5/79.50	2/81.20	5/86.26	3/82.29
POLY-3 PERCENT (g)	6.3%	2.5%	5.8%	3.7%
TERMINAL (d)	5/66 (8%)	1/63 (2%)	4/80 (5%)	3/72 (4%)
FIRST INCIDENCE	729 (T)	523	545	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.393N	P=0.212N	P=0.576N	P=0.340N
POLY 1.5	P=0.398N	P=0.211N	P=0.589N	P=0.344N
POLY 6	P=0.383N	P=0.217N	P=0.563N	P=0.336N
COCH-ARM / FISHERS	P=0.406N	P=0.217N	P=0.612N	P=0.354N
MAX-ISO-POLY-3	P=0.348N	P=0.119N	P=0.448N	P=0.223N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Forestomach Cyst				
LESION RATES				
OVERALL (a)	0/88 (0%)	0/87 (0%)	1/89 (1%)	3/87 (3%)
POLY-3 RATE (b)	0/79.82	0/79.67	1/85.83	3/81.29
POLY-3 PERCENT (g)	0%	0%	1.2%	3.7%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	1/80 (1%)	3/71 (4%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.021*	(e)	P=0.514	P=0.124
POLY 1.5	P=0.021*	(e)	P=0.511	P=0.123
POLY 6	P=0.022*	(e)	P=0.518	P=0.126
COCH-ARM / FISHERS	P=0.020*	(e)	P=0.503	P=0.121
MAX-ISO-POLY-3	P=0.027*	(e)	P=0.176	P=0.042*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Forestomach Hyperkeratosis				
LESION RATES				
OVERALL (a)	0/88 (0%)	1/87 (1%)	0/89 (0%)	2/87 (2%)
POLY-3 RATE (b)	0/79.82	1/79.88	0/85.83	2/82.58
POLY-3 PERCENT (g)	0%	1.3%	0%	2.4%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/71 (0%)
FIRST INCIDENCE	---	674	---	352
STATISTICAL TESTS				
POLY 3	P=0.147	P=0.500	(e)	P=0.246
POLY 1.5	P=0.145	P=0.501	(e)	P=0.244
POLY 6	P=0.149	P=0.498	(e)	P=0.249
COCH-ARM / FISHERS	P=0.139	P=0.497	(e)	P=0.246
MAX-ISO-POLY-3	P=0.088	P=0.160	(e)	P=0.085

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Forestomach: Epithelium Hyperplasia Focal				
LESION RATES				
OVERALL (a)	3/88 (3%)	2/87 (2%)	2/89 (2%)	0/87 (0%)
POLY-3 RATE (b)	3/80.24	2/79.89	2/85.83	0/81.29
POLY-3 PERCENT (g)	3.7%	2.5%	2.3%	0%
TERMINAL (d)	2/66 (3%)	1/63 (2%)	2/80 (3%)	0/71 (0%)
FIRST INCIDENCE	608	672	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.084N	P=0.502N	P=0.470N	P=0.119N
POLY 1.5	P=0.085N	P=0.499N	P=0.476N	P=0.119N
POLY 6	P=0.082N	P=0.508N	P=0.463N	P=0.118N
COCH-ARM / FISHERS	P=0.088N	P=0.505N	P=0.495N	P=0.125N
MAX-ISO-POLY-3	P=0.082N	P=0.327N	P=0.304N	P=0.040N*

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Glandular Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	0/87 (0%)	2/86 (2%)	0/88 (0%)	0/85 (0%)
POLY-3 RATE (b)	0/78.96	2/78.89	0/85.01	0/80.48
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/65 (0%)	2/63 (3%)	0/80 (0%)	0/70 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.396N	P=0.238	(e)	(e)
POLY 1.5	P=0.398N	P=0.239	(e)	(e)
POLY 6	P=0.395N	P=0.236	(e)	(e)
COCH-ARM / FISHERS	P=0.409N	P=0.246	(e)	(e)
MAX-ISO-POLY-3	P=0.254N	P=0.077	(e)	(e)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Glandular Cyst				
LESION RATES				
OVERALL (a)	0/87 (0%)	0/86 (0%)	0/88 (0%)	1/85 (1%)
POLY-3 RATE (b)	0/78.96	0/78.89	0/85.01	1/80.48
POLY-3 PERCENT (g)	0%	0%	0%	1.2%
TERMINAL (d)	0/65 (0%)	0/63 (0%)	0/80 (0%)	1/70 (1%)
FIRST INCIDENCE	---	---	---	729 (T)
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Glandular Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/87 (0%)	0/86 (0%)	0/88 (0%)	0/85 (0%)
POLY-3 RATE (b)	0/78.96	0/78.89	0/85.01	0/80.48
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/65 (0%)	0/63 (0%)	0/80 (0%)	0/70 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Testis: Germ Cell Degeneration				
<hr/>				
LESION RATES				
OVERALL (a)	2/90 (2%)	1/88 (1%)	1/90 (1%)	1/90 (1%)
POLY-3 RATE (b)	2/80.23	1/79.71	1/86.40	1/83.68
POLY-3 PERCENT (g)	2.5%	1.3%	1.2%	1.2%
TERMINAL (d)	2/66 (3%)	1/63 (2%)	1/80 (1%)	1/72 (1%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.397N	P=0.502N	P=0.474N	P=0.485N
POLY 1.5	P=0.401N	P=0.501N	P=0.481N	P=0.488N
POLY 6	P=0.393N	P=0.508N	P=0.468N	P=0.483N
COCH-ARM / FISHERS	P=0.407N	P=0.508N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.406N	P=0.284N	P=0.267N	P=0.273N

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Thymus Atrophy				
LESION RATES				
OVERALL (a)	11/75 (15%)	16/83 (19%)	4/81 (5%)	14/72 (19%)
POLY-3 RATE (b)	11/71.89	16/78.38	4/78.26	14/70.39
POLY-3 PERCENT (g)	15.3%	20.4%	5.1%	19.9%
TERMINAL (d)	4/60 (7%)	3/58 (5%)	2/72 (3%)	2/57 (4%)
FIRST INCIDENCE	350	364	640	352
STATISTICAL TESTS				
POLY 3	P=0.437	P=0.274	P=0.034N*	P=0.310
POLY 1.5	P=0.430	P=0.283	P=0.034N*	P=0.304
POLY 6	P=0.446	P=0.257	P=0.034N*	P=0.316
COCH-ARM / FISHERS	P=0.417	P=0.290	P=0.036N*	P=0.291
MAX-ISO-POLY-3	P=0.229	P=0.212	P=0.020N*	P=0.237

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Thymus Cyst				
LESION RATES				
OVERALL (a)	11/75 (15%)	16/83 (19%)	26/81 (32%)	15/72 (21%)
POLY-3 RATE (b)	11/69.40	16/74.94	26/78.86	15/67.04
POLY-3 PERCENT (g)	15.9%	21.4%	33%	22.4%
TERMINAL (d)	10/60 (17%)	16/58 (28%)	24/72 (33%)	14/57 (25%)
FIRST INCIDENCE	622	729 (T)	503	672
STATISTICAL TESTS				
POLY 3	P=0.173	P=0.263	P=0.012*	P=0.226
POLY 1.5	P=0.168	P=0.279	P=0.011*	P=0.227
POLY 6	P=0.176	P=0.234	P=0.014*	P=0.220
COCH-ARM / FISHERS	P=0.160	P=0.290	P=0.008**	P=0.223
MAX-ISO-POLY-3	P=0.071	P=0.202	P=0.010**	P=0.168

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Thymus				
Hyperplasia Lymphoid				
<hr/>				
LESION RATES				
OVERALL (a)	0/75 (0%)	0/83 (0%)	0/81 (0%)	0/72 (0%)
POLY-3 RATE (b)	0/69.02	0/74.94	0/77.76	0/66.82
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/60 (0%)	0/58 (0%)	0/72 (0%)	0/57 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/88 (0%)	1/88 (1%)	1/88 (1%)
POLY-3 RATE (b)	0/80.23	0/79.70	1/84.40	1/81.89
POLY-3 PERCENT (g)	0%	0%	1.2%	1.2%
TERMINAL (d)	0/66 (0%)	0/62 (0%)	1/78 (1%)	1/71 (1%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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				
Ultimobranchial Cyst				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/88 (0%)	0/88 (0%)	0/88 (0%)
POLY-3 RATE (b)	0/80.23	0/79.70	0/84.40	0/81.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/62 (0%)	0/78 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Hyperplasia Focal				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/88 (0%)	0/88 (0%)	0/88 (0%)
POLY-3 RATE (b)	0/80.23	0/79.70	0/84.40	0/81.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/62 (0%)	0/78 (0%)	0/71 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Tooth Dysplasia				
LESION RATES				
OVERALL (a)	26/27 (96%)	26/26 (100%)	14/16 (88%)	20/20 (100%)
POLY-3 RATE (b)	26/27.00	26/26.00	14/16.00	20/20.00
POLY-3 PERCENT (g)	96.3%	100%	87.5%	100%
TERMINAL (d)	19/20 (95%)	24/24 (100%)	13/15 (87%)	20/20 (100%)
FIRST INCIDENCE	455	723	503	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.555	P=0.508	P=0.319N	P=0.560
POLY 1.5	P=0.555	P=0.508	P=0.319N	P=0.560
POLY 6	P=0.555	P=0.508	P=0.319N	P=0.560
COCH-ARM / FISHERS	P=0.555	P=0.509	P=0.308N	P=0.574
MAX-ISO-POLY-3	P=0.357	P=0.166	P=0.167N	P=0.212

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Tooth Inflammation				
LESION RATES				
OVERALL (a)	2/27 (7%)	0/26 (0%)	2/16 (13%)	0/20 (0%)
POLY-3 RATE (b)	2/24.82	0/25.96	2/15.33	0/20.00
POLY-3 PERCENT (g)	8.1%	0%	13.1%	0%
TERMINAL (d)	2/20 (10%)	0/24 (0%)	2/15 (13%)	0/20 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.327N	P=0.225N	P=0.512	P=0.284N
POLY 1.5	P=0.331N	P=0.232N	P=0.505	P=0.292N
POLY 6	P=0.323N	P=0.217N	P=0.522	P=0.274N
COCH-ARM / FISHERS	P=0.339N	P=0.255N	P=0.479	P=0.325N
MAX-ISO-POLY-3	P=0.170N	P=0.076N	P=0.323	P=0.103N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Urinary Bladder				
Angiectasis				
<hr/>				
LESION RATES				
OVERALL (a)	0/87 (0%)	0/88 (0%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	0/78.50	0/80.21	0/86.40	0/82.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Urinary Bladder Hemorrhage				
LESION RATES				
OVERALL (a)	3/87 (3%)	0/88 (0%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	3/80.31	0/80.21	0/86.40	0/82.89
POLY-3 PERCENT (g)	3.7%	0%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	393	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.044N*	P=0.121N	P=0.109N	P=0.116N
POLY 1.5	P=0.045N*	P=0.119N	P=0.110N	P=0.115N
POLY 6	P=0.042N*	P=0.126N	P=0.108N	P=0.116N
COCH-ARM / FISHERS	P=0.046N*	P=0.121N	P=0.117N	P=0.119N
MAX-ISO-POLY-3	P=0.009N**	P=0.040N*	P=0.038N*	P=0.039N*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Urinary Bladder				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	26/87 (30%)	20/88 (23%)	24/90 (27%)	21/89 (24%)
POLY-3 RATE (b)	26/78.95	20/81.32	24/87.27	21/82.89
POLY-3 PERCENT (g)	32.9%	24.6%	27.5%	25.3%
TERMINAL (d)	23/66 (35%)	17/63 (27%)	21/80 (26%)	21/72 (29%)
FIRST INCIDENCE	667	364	630	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.234N	P=0.159N	P=0.277N	P=0.185N
POLY 1.5	P=0.243N	P=0.157N	P=0.303N	P=0.189N
POLY 6	P=0.224N	P=0.174N	P=0.253N	P=0.186N
COCH-ARM / FISHERS	P=0.271N	P=0.183N	P=0.379N	P=0.220N
MAX-ISO-POLY-3	P=0.234N	P=0.123N	P=0.232N	P=0.146N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Urinary Bladder: Transitional Epithelium Hyperplasia Focal				
LESION RATES				
OVERALL (a)	0/87 (0%)	2/88 (2%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	0/78.50	2/81.31	0/86.40	0/82.89
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/66 (0%)	0/63 (0%)	0/80 (0%)	0/72 (0%)
FIRST INCIDENCE	---	364	---	---
STATISTICAL TESTS				
POLY 3	P=0.388N	P=0.246	(e)	(e)
POLY 1.5	P=0.390N	P=0.247	(e)	(e)
POLY 6	P=0.389N	P=0.243	(e)	(e)
COCH-ARM / FISHERS	P=0.400N	P=0.251	(e)	(e)
MAX-ISO-POLY-3	P=0.257N	P=0.084	(e)	(e)

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Hemorrhage				
LESION RATES				
OVERALL (a)	1/84 (1%)	0/88 (0%)	3/90 (3%)	0/90 (0%)
POLY-3 RATE (b)	1/74.41	0/81.34	3/84.62	0/83.27
POLY-3 PERCENT (g)	1.3%	0%	3.6%	0%
TERMINAL (d)	0/62 (0%)	0/70 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	607	---	86	---
STATISTICAL TESTS				
POLY 3	P=0.472N	P=0.482N	P=0.354	P=0.478N
POLY 1.5	P=0.478N	P=0.486N	P=0.344	P=0.482N
POLY 6	P=0.465N	P=0.477N	P=0.365	P=0.472N
COCH-ARM / FISHERS	P=0.481N	P=0.488N	P=0.337	P=0.483N
MAX-ISO-POLY-3	P=0.295N	P=0.156N	P=0.200	P=0.154N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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				
Hyperplasia Focal				
<hr/>				
LESION RATES				
OVERALL (a)	0/84 (0%)	1/88 (1%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/73.96	1/81.34	0/83.15	0/83.27
POLY-3 PERCENT (g)	0%	1.2%	0%	0%
TERMINAL (d)	0/62 (0%)	1/70 (1%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	739 (T)	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS 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				
Hypertrophy Focal				
<hr/>				
LESION RATES				
OVERALL (a)	0/84 (0%)	0/88 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/73.96	0/81.34	0/83.15	0/83.27
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/62 (0%)	0/70 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS 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				
Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	0/84 (0%)	5/88 (6%)	1/90 (1%)	1/90 (1%)
POLY-3 RATE (b)	0/73.96	5/81.34	1/83.15	1/83.27
POLY-3 PERCENT (g)	0%	6.2%	1.2%	1.2%
TERMINAL (d)	0/62 (0%)	5/70 (7%)	1/69 (1%)	1/72 (1%)
FIRST INCIDENCE	---	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.419N	P=0.042*	P=0.523	P=0.524
POLY 1.5	P=0.434N	P=0.040*	P=0.518	P=0.518
POLY 6	P=0.399N	P=0.046*	P=0.529	P=0.530
COCH-ARM / FISHERS	P=0.450N	P=0.033*	P=0.517	P=0.517
MAX-ISO-POLY-3	P=0.195	P=0.018*	P=0.183	P=0.183

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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: Bilateral Hypertrophy Focal				
LESION RATES				
OVERALL (a)	0/84 (0%)	0/88 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/73.96	0/81.34	0/83.15	0/83.27
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/62 (0%)	0/70 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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: Bilateral Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	0/84 (0%)	3/88 (3%)	1/90 (1%)	1/90 (1%)
POLY-3 RATE (b)	0/73.96	3/81.34	1/83.15	1/83.27
POLY-3 PERCENT (g)	0%	3.7%	1.2%	1.2%
TERMINAL (d)	0/62 (0%)	3/70 (4%)	1/69 (1%)	1/72 (1%)
FIRST INCIDENCE	---	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.607N	P=0.139	P=0.523	P=0.524
POLY 1.5	P=0.618N	P=0.134	P=0.518	P=0.518
POLY 6	P=0.592N	P=0.145	P=0.529	P=0.530
COCH-ARM / FISHERS	P=0.611	P=0.132	P=0.517	P=0.517
MAX-ISO-POLY-3	P=0.266	P=0.053	P=0.183	P=0.183

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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: Subcapsular Hyperplasia				
LESION RATES				
OVERALL (a)	81/84 (96%)	85/88 (97%)	88/90 (98%)	86/90 (96%)
POLY-3 RATE (b)	81/84.00	85/87.41	88/88.09	86/87.66
POLY-3 PERCENT (g)	96.4%	97.2%	99.9%	98.1%
TERMINAL (d)	59/62 (95%)	68/70 (97%)	69/69 (100%)	71/72 (99%)
FIRST INCIDENCE	448	403	516	451
STATISTICAL TESTS				
POLY 3	P=0.252	P=0.554	P=0.123	P=0.415
POLY 1.5	P=0.350	P=0.590	P=0.156	P=0.506
POLY 6	P=0.191	P=0.513	P=0.114	P=0.344
COCH-ARM / FISHERS	P=0.453N	P=0.637	P=0.467	P=0.538N
MAX-ISO-POLY-3	P=0.169	P=0.378	P=0.041*	P=0.243

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Hemorrhage				
LESION RATES				
OVERALL (a)	2/83 (2%)	0/84 (0%)	1/86 (1%)	0/87 (0%)
POLY-3 RATE (b)	2/73.88	0/77.43	1/79.29	0/80.27
POLY-3 PERCENT (g)	2.7%	0%	1.3%	0%
TERMINAL (d)	0/61 (0%)	0/67 (0%)	0/65 (0%)	0/69 (0%)
FIRST INCIDENCE	597	---	701	---
STATISTICAL TESTS				
POLY 3	P=0.182N	P=0.228N	P=0.475N	P=0.220N
POLY 1.5	P=0.182N	P=0.232N	P=0.482N	P=0.225N
POLY 6	P=0.182N	P=0.223N	P=0.468N	P=0.215N
COCH-ARM / FISHERS	P=0.181N	P=0.246N	P=0.487N	P=0.237N
MAX-ISO-POLY-3	P=0.075N	P=0.076N	P=0.266N	P=0.074N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS 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 Hyperplasia				
LESION RATES				
OVERALL (a)	0/83 (0%)	0/84 (0%)	2/86 (2%)	0/87 (0%)
POLY-3 RATE (b)	0/72.96	0/77.43	2/79.41	0/80.27
POLY-3 PERCENT (g)	0%	0%	2.5%	0%
TERMINAL (d)	0/61 (0%)	0/67 (0%)	1/65 (2%)	0/69 (0%)
FIRST INCIDENCE	---	---	668	---
STATISTICAL TESTS				
POLY 3	P=0.622	(e)	P=0.257	(e)
POLY 1.5	P=0.612	(e)	P=0.251	(e)
POLY 6	P=0.634	(e)	P=0.265	(e)
COCH-ARM / FISHERS	P=0.604	(e)	P=0.257	(e)
MAX-ISO-POLY-3	P=0.284	(e)	P=0.093	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Bone Marrow Hypercellularity				
LESION RATES				
OVERALL (a)	7/90 (8%)	8/89 (9%)	4/89 (4%)	4/90 (4%)
POLY-3 RATE (b)	7/81.60	8/82.37	4/82.57	4/83.99
POLY-3 PERCENT (g)	8.6%	9.7%	4.8%	4.8%
TERMINAL (d)	3/67 (5%)	7/71 (10%)	2/68 (3%)	1/72 (1%)
FIRST INCIDENCE	551	731	629	607
STATISTICAL TESTS				
POLY 3	P=0.134N	P=0.508	P=0.260N	P=0.251N
POLY 1.5	P=0.141N	P=0.499	P=0.268N	P=0.260N
POLY 6	P=0.126N	P=0.519	P=0.251N	P=0.238N
COCH-ARM / FISHERS	P=0.145N	P=0.491	P=0.274N	P=0.268N
MAX-ISO-POLY-3	P=0.216N	P=0.399	P=0.172N	P=0.166N

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

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

Lab: IIT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Bone				
Fibro-osseous Lesion				
LESION RATES				
OVERALL (a)	11/90 (12%)	6/90 (7%)	4/89 (4%)	3/90 (3%)
POLY-3 RATE (b)	11/79.90	6/83.38	4/82.15	3/83.27
POLY-3 PERCENT (g)	13.8%	7.2%	4.9%	3.6%
TERMINAL (d)	11/67 (16%)	5/72 (7%)	4/68 (6%)	3/72 (4%)
FIRST INCIDENCE	739 (T)	730	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.014N*	P=0.131N	P=0.045N*	P=0.020N*
POLY 1.5	P=0.015N*	P=0.142N	P=0.050N*	P=0.022N*
POLY 6	P=0.013N*	P=0.118N	P=0.040N*	P=0.017N*
COCH-ARM / FISHERS	P=0.016N*	P=0.154N	P=0.054N	P=0.024N*
MAX-ISO-POLY-3	P=0.011N*	P=0.089N	P=0.026N*	P=0.011N*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Brain Cyst				
LESION RATES				
OVERALL (a)	0/87 (0%)	0/90 (0%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	0/76.90	0/83.34	2/83.15	0/83.27
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/64 (0%)	0/72 (0%)	2/69 (3%)	0/72 (0%)
FIRST INCIDENCE	---	---	739 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.617	(e)	P=0.256	(e)
POLY 1.5	P=0.608	(e)	P=0.251	(e)
POLY 6	P=0.628	(e)	P=0.262	(e)
COCH-ARM / FISHERS	P=0.600	(e)	P=0.257	(e)
MAX-ISO-POLY-3	P=0.279	(e)	P=0.092	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Brain Hemorrhage				
LESION RATES				
OVERALL (a)	2/87 (2%)	0/90 (0%)	3/90 (3%)	0/90 (0%)
POLY-3 RATE (b)	2/77.77	0/83.34	3/84.31	0/83.27
POLY-3 PERCENT (g)	2.6%	0%	3.6%	0%
TERMINAL (d)	0/64 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	577	---	606	---
STATISTICAL TESTS				
POLY 3	P=0.284N	P=0.223N	P=0.536	P=0.223N
POLY 1.5	P=0.287N	P=0.227N	P=0.525	P=0.228N
POLY 6	P=0.280N	P=0.218N	P=0.549	P=0.218N
COCH-ARM / FISHERS	P=0.289N	P=0.240N	P=0.516	P=0.240N
MAX-ISO-POLY-3	P=0.155N	P=0.075N	P=0.362	P=0.075N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

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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 NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Brain Mineral				
LESION RATES				
OVERALL (a)	80/87 (92%)	78/90 (87%)	77/90 (86%)	78/90 (87%)
POLY-3 RATE (b)	80/86.48	78/87.85	77/87.36	78/86.61
POLY-3 PERCENT (g)	92.5%	88.8%	88.1%	90.1%
TERMINAL (d)	58/64 (91%)	64/72 (89%)	61/69 (88%)	66/72 (92%)
FIRST INCIDENCE	448	447	516	534
STATISTICAL TESTS				
POLY 3	P=0.384N	P=0.275N	P=0.232N	P=0.378N
POLY 1.5	P=0.341N	P=0.241N	P=0.213N	P=0.322N
POLY 6	P=0.421N	P=0.309N	P=0.249N	P=0.427N
COCH-ARM / FISHERS	P=0.211N	P=0.186N	P=0.134N	P=0.186N
MAX-ISO-POLY-3	P=0.351N	P=0.194N	P=0.162N	P=0.280N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Brain: Artery, Meninges Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/87 (0%)	5/90 (6%)	3/90 (3%)	2/90 (2%)
POLY-3 RATE (b)	0/76.90	5/83.96	3/83.53	2/83.27
POLY-3 PERCENT (g)	0%	6%	3.6%	2.4%
TERMINAL (d)	0/64 (0%)	4/72 (6%)	2/69 (3%)	2/72 (3%)
FIRST INCIDENCE	---	537	629	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.503	P=0.042*	P=0.136	P=0.256
POLY 1.5	P=0.485	P=0.039*	P=0.132	P=0.251
POLY 6	P=0.526	P=0.045*	P=0.142	P=0.264
COCH-ARM / FISHERS	P=0.469	P=0.032*	P=0.129	P=0.257
MAX-ISO-POLY-3	P=0.124	P=0.017*	P=0.051	P=0.092

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Clitoral Gland Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	3/82 (4%)	0/84 (0%)	0/80 (0%)	1/86 (1%)
POLY-3 RATE (b)	3/72.80	0/77.48	0/74.24	1/80.31
POLY-3 PERCENT (g)	4.1%	0%	0%	1.3%
TERMINAL (d)	3/61 (5%)	0/67 (0%)	0/62 (0%)	0/71 (0%)
FIRST INCIDENCE	739 (T)	---	---	720
STATISTICAL TESTS				
POLY 3	P=0.244N	P=0.110N	P=0.117N	P=0.273N
POLY 1.5	P=0.242N	P=0.113N	P=0.121N	P=0.282N
POLY 6	P=0.248N	P=0.106N	P=0.114N	P=0.260N
COCH-ARM / FISHERS	P=0.241N	P=0.118N	P=0.127N	P=0.292N
MAX-ISO-POLY-3	P=0.041N*	P=0.038N*	P=0.040N*	P=0.142N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Coagulating Gland Cyst				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Eye				
Phthisis Bulbi				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/88 (0%)	1/90 (1%)	0/90 (0%)
POLY-3 RATE (b)	0/78.90	0/81.43	1/83.15	0/83.27
POLY-3 PERCENT (g)	0%	0%	1.2%	0%
TERMINAL (d)	0/66 (0%)	0/71 (0%)	1/69 (1%)	0/72 (0%)
FIRST INCIDENCE	---	---	739 (T)	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Eye: Cornea				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/89 (0%)	1/88 (1%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	0/78.90	1/81.43	2/83.28	0/83.27
POLY-3 PERCENT (g)	0%	1.2%	2.4%	0%
TERMINAL (d)	0/66 (0%)	1/71 (1%)	1/69 (1%)	0/72 (0%)
FIRST INCIDENCE	---	739 (T)	703	---
STATISTICAL TESTS				
POLY 3	P=0.596N	P=0.506	P=0.250	(e)
POLY 1.5	P=0.605N	P=0.502	P=0.245	(e)
POLY 6	P=0.585N	P=0.512	P=0.257	(e)
COCH-ARM / FISHERS	P=0.611N	P=0.497	P=0.251	(e)
MAX-ISO-POLY-3	P=0.344N	P=0.167	P=0.088	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Gallbladder Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	2/79 (3%)	5/75 (7%)	2/74 (3%)	4/72 (6%)
POLY-3 RATE (b)	2/71.84	5/70.23	2/69.45	4/69.11
POLY-3 PERCENT (g)	2.8%	7.1%	2.9%	5.8%
TERMINAL (d)	2/62 (3%)	4/63 (6%)	2/60 (3%)	4/65 (6%)
FIRST INCIDENCE	739 (T)	730	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.390	P=0.210	P=0.681	P=0.321
POLY 1.5	P=0.378	P=0.205	P=0.677	P=0.311
POLY 6	P=0.405	P=0.219	P=0.685	P=0.334
COCH-ARM / FISHERS	P=0.361	P=0.200	P=0.665	P=0.298
MAX-ISO-POLY-3	P=0.323	P=0.117	P=0.486	P=0.190

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Harderian Gland Hyperplasia Focal				
<hr/>				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/90 (0%)	1/90 (1%)	0/87 (0%)
POLY-3 RATE (b)	0/78.90	0/83.34	1/83.15	0/80.36
POLY-3 PERCENT (g)	0%	0%	1.2%	0%
TERMINAL (d)	0/66 (0%)	0/72 (0%)	1/69 (1%)	0/71 (0%)
FIRST INCIDENCE	---	---	739 (T)	---
<hr/>				
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	58/89 (65%)	68/90 (76%)	69/90 (77%)	63/87 (72%)
POLY-3 RATE (b)	58/86.57	68/88.17	69/86.85	63/81.86
POLY-3 PERCENT (g)	67%	77.1%	79.5%	77%
TERMINAL (d)	40/66 (61%)	54/72 (75%)	56/69 (81%)	57/71 (80%)
FIRST INCIDENCE	448	447	516	561
STATISTICAL TESTS				
POLY 3	P=0.105	P=0.090	P=0.043*	P=0.098
POLY 1.5	P=0.132	P=0.085	P=0.043*	P=0.119
POLY 6	P=0.080	P=0.103	P=0.044*	P=0.080
COCH-ARM / FISHERS	P=0.231	P=0.087	P=0.063	P=0.191
MAX-ISO-POLY-3	P=0.072	P=0.066	P=0.029*	P=0.075

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart				
Bacteria				
LESION RATES				
OVERALL (a)	1/90 (1%)	1/90 (1%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	1/80.25	1/83.60	2/83.86	0/83.27
POLY-3 PERCENT (g)	1.3%	1.2%	2.4%	0%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	642	667	629	---
STATISTICAL TESTS				
POLY 3	P=0.358N	P=0.751N	P=0.515	P=0.493N
POLY 1.5	P=0.363N	P=0.756N	P=0.507	P=0.497N
POLY 6	P=0.351N	P=0.745N	P=0.525	P=0.487N
COCH-ARM / FISHERS	P=0.367N	P=0.751N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.289N	P=0.488N	P=0.298	P=0.159N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	3/90 (3%)	1/90 (1%)	3/90 (3%)	3/90 (3%)
POLY-3 RATE (b)	3/81.22	1/83.57	3/83.40	3/83.74
POLY-3 PERCENT (g)	3.7%	1.2%	3.6%	3.6%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	1/72 (1%)
FIRST INCIDENCE	568	677	701	669
STATISTICAL TESTS				
POLY 3	P=0.466	P=0.297N	P=0.648N	P=0.647N
POLY 1.5	P=0.460	P=0.302N	P=0.655N	P=0.655N
POLY 6	P=0.473	P=0.290N	P=0.640N	P=0.635N
COCH-ARM / FISHERS	P=0.457	P=0.310N	P=0.659N	P=0.659N
MAX-ISO-POLY-3	P=0.531	P=0.152N	P=0.486N	P=0.484N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/90 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	0/83.34	0/83.15	0/83.27
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Heart Thrombus				
<hr/>				
LESION RATES				
OVERALL (a)	3/90 (3%)	1/90 (1%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	3/81.26	1/83.60	2/83.86	0/83.27
POLY-3 PERCENT (g)	3.7%	1.2%	2.4%	0%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	493	667	629	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.104N	P=0.297N	P=0.486N	P=0.117N
POLY 1.5	P=0.105N	P=0.302N	P=0.494N	P=0.120N
POLY 6	P=0.102N	P=0.290N	P=0.476N	P=0.113N
COCH-ARM / FISHERS	P=0.105N	P=0.310N	P=0.500N	P=0.123N
MAX-ISO-POLY-3	P=0.062N	P=0.152N	P=0.315N	P=0.039N*

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart: Artery				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/90 (0%)	4/90 (4%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	0/79.90	4/83.99	0/83.15	1/83.47
POLY-3 PERCENT (g)	0%	4.8%	0%	1.2%
TERMINAL (d)	0/67 (0%)	2/72 (3%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	537	---	686
STATISTICAL TESTS				
POLY 3	P=0.507N	P=0.070	(e)	P=0.509
POLY 1.5	P=0.519N	P=0.067	(e)	P=0.504
POLY 6	P=0.492N	P=0.074	(e)	P=0.515
COCH-ARM / FISHERS	P=0.530N	P=0.060	(e)	P=0.500
MAX-ISO-POLY-3	P=0.247	P=0.026*	(e)	P=0.169

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart: Myocardium				
Infiltration Cellular Lymphocyte				
<hr/>				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/90 (0%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	0/79.90	0/83.34	1/83.15	2/83.27
POLY-3 PERCENT (g)	0%	0%	1.2%	2.4%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	1/69 (1%)	2/72 (3%)
FIRST INCIDENCE	---	---	739 (T)	739 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.074	(e)	P=0.508	P=0.248
POLY 1.5	P=0.072	(e)	P=0.504	P=0.243
POLY 6	P=0.076	(e)	P=0.513	P=0.254
COCH-ARM / FISHERS	P=0.071	(e)	P=0.500	P=0.249
MAX-ISO-POLY-3	P=0.090	(e)	P=0.169	P=0.086

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Heart: Myocardium Inflammation Acute				
<hr/>				
LESION RATES				
OVERALL (a)	0/90 (0%)	1/90 (1%)	2/90 (2%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	1/83.60	2/83.86	0/83.27
POLY-3 PERCENT (g)	0%	1.2%	2.4%	0%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	667	629	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.601N	P=0.509	P=0.249	(e)
POLY 1.5	P=0.609N	P=0.505	P=0.244	(e)
POLY 6	P=0.591N	P=0.515	P=0.256	(e)
COCH-ARM / FISHERS	P=0.616N	P=0.500	P=0.249	(e)
MAX-ISO-POLY-3	P=0.346N	P=0.170	P=0.088	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Heart: Myocardium				
Mineral				
LESION RATES				
OVERALL (a)	4/90 (4%)	0/90 (0%)	0/90 (0%)	1/90 (1%)
POLY-3 RATE (b)	4/82.24	0/83.34	0/83.15	1/83.48
POLY-3 PERCENT (g)	4.9%	0%	0%	1.2%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	493	---	---	681
STATISTICAL TESTS				
POLY 3	P=0.126N	P=0.062N	P=0.062N	P=0.177N
POLY 1.5	P=0.126N	P=0.063N	P=0.063N	P=0.181N
POLY 6	P=0.127N	P=0.060N	P=0.060N	P=0.172N
COCH-ARM / FISHERS	P=0.127N	P=0.060N	P=0.060N	P=0.184N
MAX-ISO-POLY-3	P=0.014N*	P=0.021N*	P=0.021N*	P=0.085N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Heart: Myocardium				
Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	0/90 (0%)	0/90 (0%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	0/83.34	0/83.15	0/83.27
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Hyperplasia				
LESION RATES				
OVERALL (a)	1/87 (1%)	3/88 (3%)	1/90 (1%)	0/86 (0%)
POLY-3 RATE (b)	1/78.53	3/81.65	1/83.21	0/80.90
POLY-3 PERCENT (g)	1.3%	3.7%	1.2%	0%
TERMINAL (d)	1/67 (2%)	2/72 (3%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	739 (T)	704	722	---
STATISTICAL TESTS				
POLY 3	P=0.191N	P=0.321	P=0.748N	P=0.494N
POLY 1.5	P=0.196N	P=0.316	P=0.751N	P=0.498N
POLY 6	P=0.183N	P=0.329	P=0.744N	P=0.489N
COCH-ARM / FISHERS	P=0.202N	P=0.315	P=0.743N	P=0.503N
MAX-ISO-POLY-3	P=0.166N	P=0.170	P=0.483N	P=0.159N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	3/87 (3%)	2/88 (2%)	2/90 (2%)	3/86 (3%)
POLY-3 RATE (b)	3/78.53	2/81.52	2/83.15	3/80.90
POLY-3 PERCENT (g)	3.8%	2.5%	2.4%	3.7%
TERMINAL (d)	3/67 (5%)	2/72 (3%)	2/69 (3%)	3/72 (4%)
FIRST INCIDENCE	739 (T)	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.552	P=0.483N	P=0.474N	P=0.647N
POLY 1.5	P=0.546	P=0.489N	P=0.481N	P=0.656N
POLY 6	P=0.561	P=0.474N	P=0.467N	P=0.634N
COCH-ARM / FISHERS	P=0.538	P=0.495N	P=0.484N	P=0.654
MAX-ISO-POLY-3	P=0.574N	P=0.313N	P=0.306N	P=0.485N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Bacteria				
<hr/>				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/87 (0%)	0/89 (0%)	0/88 (0%)
POLY-3 RATE (b)	0/79.24	0/80.43	0/83.06	0/82.27
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/70 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Glomerulopathy Hyaline				
<hr/>				
LESION RATES				
OVERALL (a)	0/89 (0%)	2/87 (2%)	0/89 (0%)	0/88 (0%)
POLY-3 RATE (b)	0/79.24	2/81.44	0/83.06	0/82.27
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/67 (0%)	0/70 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	447	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.388N	P=0.244	(e)	(e)
POLY 1.5	P=0.397N	P=0.239	(e)	(e)
POLY 6	P=0.378N	P=0.251	(e)	(e)
COCH-ARM / FISHERS	P=0.406N	P=0.243	(e)	(e)
MAX-ISO-POLY-3	P=0.260N	P=0.084	(e)	(e)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney Infarct				
LESION RATES				
OVERALL (a)	15/89 (17%)	19/87 (22%)	20/89 (22%)	14/88 (16%)
POLY-3 RATE (b)	15/80.90	19/81.16	20/83.52	14/82.32
POLY-3 PERCENT (g)	18.5%	23.4%	24%	17%
TERMINAL (d)	11/67 (16%)	15/70 (21%)	17/69 (25%)	13/72 (18%)
FIRST INCIDENCE	493	667	646	726
STATISTICAL TESTS				
POLY 3	P=0.360N	P=0.285	P=0.256	P=0.479N
POLY 1.5	P=0.381N	P=0.271	P=0.240	P=0.498N
POLY 6	P=0.339N	P=0.307	P=0.272	P=0.457N
COCH-ARM / FISHERS	P=0.397N	P=0.259	P=0.225	P=0.513N
MAX-ISO-POLY-3	P=0.355N	P=0.225	P=0.202	P=0.398N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Inflammation Acute				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/87 (0%)	1/89 (1%)	0/88 (0%)
POLY-3 RATE (b)	0/79.24	0/80.43	1/83.44	0/82.27
POLY-3 PERCENT (g)	0%	0%	1.2%	0%
TERMINAL (d)	0/67 (0%)	0/70 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	629	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	2/89 (2%)	2/87 (2%)	2/89 (2%)	2/88 (2%)
POLY-3 RATE (b)	2/79.83	2/80.46	2/83.06	2/82.27
POLY-3 PERCENT (g)	2.5%	2.5%	2.4%	2.4%
TERMINAL (d)	1/67 (2%)	1/70 (1%)	2/69 (3%)	2/72 (3%)
FIRST INCIDENCE	551	731	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.583N	P=0.690N	P=0.679N	P=0.682N
POLY 1.5	P=0.590N	P=0.690	P=0.685N	P=0.690N
POLY 6	P=0.576N	P=0.682N	P=0.672N	P=0.673N
COCH-ARM / FISHERS	P=0.594	P=0.681	P=0.690N	P=0.685
MAX-ISO-POLY-3	P=0.734N	P=0.496N	P=0.484N	P=0.487N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney Mineral				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/87 (0%)	0/89 (0%)	0/88 (0%)
POLY-3 RATE (b)	0/79.24	0/80.43	0/83.06	0/82.27
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/70 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Nephropathy Chronic Progressive				
LESION RATES				
OVERALL (a)	8/89 (9%)	15/87 (17%)	19/89 (21%)	14/88 (16%)
POLY-3 RATE (b)	8/79.24	15/80.57	19/84.48	14/82.70
POLY-3 PERCENT (g)	10.1%	18.6%	22.5%	16.9%
TERMINAL (d)	8/67 (12%)	14/70 (20%)	15/69 (22%)	12/72 (17%)
FIRST INCIDENCE	739 (T)	704	600	676
STATISTICAL TESTS				
POLY 3	P=0.205	P=0.094	P=0.026*	P=0.149
POLY 1.5	P=0.181	P=0.087	P=0.021*	P=0.134
POLY 6	P=0.237	P=0.105	P=0.032*	P=0.170
COCH-ARM / FISHERS	P=0.160	P=0.080	P=0.018*	P=0.121
MAX-ISO-POLY-3	P=0.088	P=0.064	P=0.018*	P=0.107

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney: Interstitium Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	63/89 (71%)	60/87 (69%)	65/89 (73%)	56/88 (64%)
POLY-3 RATE (b)	63/84.36	60/83.45	65/85.12	56/83.15
POLY-3 PERCENT (g)	74.7%	71.9%	76.4%	67.4%
TERMINAL (d)	51/67 (76%)	49/70 (70%)	57/69 (83%)	54/72 (75%)
FIRST INCIDENCE	448	537	606	534
STATISTICAL TESTS				
POLY 3	P=0.184N	P=0.406N	P=0.468	P=0.183N
POLY 1.5	P=0.193N	P=0.440N	P=0.437	P=0.198N
POLY 6	P=0.185N	P=0.346N	P=0.497	P=0.171N
COCH-ARM / FISHERS	P=0.186N	P=0.461N	P=0.434	P=0.197N
MAX-ISO-POLY-3	P=0.223N	P=0.338N	P=0.394	P=0.141N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney: Papilla Mineral				
LESION RATES				
OVERALL (a)	0/89 (0%)	2/87 (2%)	1/89 (1%)	1/88 (1%)
POLY-3 RATE (b)	0/79.24	2/80.43	1/83.06	1/82.27
POLY-3 PERCENT (g)	0%	2.5%	1.2%	1.2%
TERMINAL (d)	0/67 (0%)	2/70 (3%)	1/69 (1%)	1/72 (1%)
FIRST INCIDENCE	---	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.522	P=0.242	P=0.509	P=0.507
POLY 1.5	P=0.510	P=0.238	P=0.505	P=0.503
POLY 6	P=0.536	P=0.247	P=0.514	P=0.513
COCH-ARM / FISHERS	P=0.499	P=0.243	P=0.500	P=0.497
MAX-ISO-POLY-3	P=0.292	P=0.081	P=0.170	P=0.169

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Cyst				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/87 (0%)	0/89 (0%)	0/88 (0%)
POLY-3 RATE (b)	0/79.24	0/80.43	0/83.06	0/82.27
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/70 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Mineral				
LESION RATES				
OVERALL (a)	1/89 (1%)	0/87 (0%)	1/89 (1%)	0/88 (0%)
POLY-3 RATE (b)	1/79.24	0/80.43	1/83.21	0/82.27
POLY-3 PERCENT (g)	1.3%	0%	1.2%	0%
TERMINAL (d)	1/67 (2%)	0/70 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	739 (T)	---	701	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver Angiectasis				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/90 (0%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	0/79.49	0/83.34	0/83.15	0/82.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Liver				
Basophilic Focus				
<hr/>				
LESION RATES				
OVERALL (a)	4/89 (4%)	2/90 (2%)	5/90 (6%)	5/89 (6%)
POLY-3 RATE (b)	4/79.49	2/83.54	5/83.15	5/82.89
POLY-3 PERCENT (g)	5%	2.4%	6%	6%
TERMINAL (d)	4/67 (6%)	1/72 (1%)	5/69 (7%)	5/72 (7%)
FIRST INCIDENCE	739 (T)	687	739 (T)	739 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.315	P=0.317N	P=0.528	P=0.526
POLY 1.5	P=0.307	P=0.325N	P=0.516	P=0.512
POLY 6	P=0.326	P=0.305N	P=0.541	P=0.544
COCH-ARM / FISHERS	P=0.300	P=0.336N	P=0.507	P=0.500
MAX-ISO-POLY-3	P=0.401	P=0.191N	P=0.393	P=0.391

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	1/89 (1%)	0/90 (0%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	1/79.49	0/83.34	0/83.15	0/82.89
POLY-3 PERCENT (g)	1.3%	0%	0%	0%
TERMINAL (d)	1/67 (2%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	739 (T)	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	2/89 (2%)	1/90 (1%)	1/90 (1%)	0/89 (0%)
POLY-3 RATE (b)	2/79.93	1/83.34	1/83.15	0/82.89
POLY-3 PERCENT (g)	2.5%	1.2%	1.2%	0%
TERMINAL (d)	1/67 (2%)	1/72 (1%)	1/69 (1%)	0/72 (0%)
FIRST INCIDENCE	607	739 (T)	739 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.151N	P=0.486N	P=0.486N	P=0.230N
POLY 1.5	P=0.153N	P=0.491N	P=0.492N	P=0.235N
POLY 6	P=0.149N	P=0.478N	P=0.480N	P=0.225N
COCH-ARM / FISHERS	P=0.154N	P=0.496N	P=0.496N	P=0.249N
MAX-ISO-POLY-3	P=0.121N	P=0.273N	P=0.273N	P=0.077N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Liver				
Extramedullary Hematopoiesis				
<hr/>				
LESION RATES				
OVERALL (a)	1/89 (1%)	0/90 (0%)	1/90 (1%)	0/89 (0%)
POLY-3 RATE (b)	1/79.49	0/83.34	1/83.15	0/82.89
POLY-3 PERCENT (g)	1.3%	0%	1.2%	0%
TERMINAL (d)	1/67 (2%)	0/72 (0%)	1/69 (1%)	0/72 (0%)
FIRST INCIDENCE	739 (T)	---	739 (T)	---
<hr/>				
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver Fatty Change				
LESION RATES				
OVERALL (a)	7/89 (8%)	1/90 (1%)	0/90 (0%)	2/89 (2%)
POLY-3 RATE (b)	7/81.45	1/83.96	0/83.15	2/83.04
POLY-3 PERCENT (g)	8.6%	1.2%	0%	2.4%
TERMINAL (d)	4/67 (6%)	0/72 (0%)	0/69 (0%)	1/72 (1%)
FIRST INCIDENCE	493	537	---	700
STATISTICAL TESTS				
POLY 3	P=0.050N*	P=0.030N*	P=0.009N**	P=0.080N
POLY 1.5	P=0.050N*	P=0.032N*	P=0.009N**	P=0.083N
POLY 6	P=0.051N	P=0.029N*	P=0.008N**	P=0.075N
COCH-ARM / FISHERS	P=0.052N	P=0.031N*	P=0.007N**	P=0.084N
MAX-ISO-POLY-3	P=0.004N**	P=0.013N*	P=0.003N**	P=0.041N*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	33/89 (37%)	25/90 (28%)	21/90 (23%)	32/89 (36%)
POLY-3 RATE (b)	33/80.53	25/83.48	21/83.64	32/83.09
POLY-3 PERCENT (g)	41%	30%	25.1%	38.5%
TERMINAL (d)	28/67 (42%)	24/72 (33%)	19/69 (28%)	31/72 (43%)
FIRST INCIDENCE	638	704	669	686
STATISTICAL TESTS				
POLY 3	P=0.520N	P=0.092N	P=0.021N*	P=0.435N
POLY 1.5	P=0.519	P=0.104N	P=0.026N*	P=0.472N
POLY 6	P=0.493N	P=0.078N	P=0.017N*	P=0.391N
COCH-ARM / FISHERS	P=0.503	P=0.121N	P=0.033N*	P=0.500N
MAX-ISO-POLY-3	P=0.148N	P=0.070N	P=0.015N*	P=0.373N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Infiltration Cellular Mononuclear Cell				
LESION RATES				
OVERALL (a)	1/89 (1%)	2/90 (2%)	1/90 (1%)	0/89 (0%)
POLY-3 RATE (b)	1/79.49	2/83.37	1/83.15	0/82.89
POLY-3 PERCENT (g)	1.3%	2.4%	1.2%	0%
TERMINAL (d)	1/67 (2%)	1/72 (1%)	1/69 (1%)	0/72 (0%)
FIRST INCIDENCE	739 (T)	731	739 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.238N	P=0.517	P=0.750N	P=0.492N
POLY 1.5	P=0.244N	P=0.511	P=0.755N	P=0.496N
POLY 6	P=0.231N	P=0.525	P=0.746N	P=0.486N
COCH-ARM / FISHERS	P=0.248N	P=0.504	P=0.749N	P=0.500N
MAX-ISO-POLY-3	P=0.239N	P=0.299	P=0.487N	P=0.159N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Liver Inflammation Chronic				
<hr/>				
LESION RATES				
OVERALL (a)	1/89 (1%)	0/90 (0%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	1/79.49	0/83.34	0/83.15	0/82.89
POLY-3 PERCENT (g)	1.3%	0%	0%	0%
TERMINAL (d)	1/67 (2%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	739 (T)	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Inflammation Focal				
LESION RATES				
OVERALL (a)	4/89 (4%)	2/90 (2%)	0/90 (0%)	0/89 (0%)
POLY-3 RATE (b)	4/79.49	2/83.34	0/83.15	0/82.89
POLY-3 PERCENT (g)	5%	2.4%	0%	0%
TERMINAL (d)	4/67 (6%)	2/72 (3%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	739 (T)	739 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.017N*	P=0.318N	P=0.058N	P=0.058N
POLY 1.5	P=0.018N*	P=0.326N	P=0.060N	P=0.061N
POLY 6	P=0.017N*	P=0.307N	P=0.055N	P=0.054N
COCH-ARM / FISHERS	P=0.018N*	P=0.336N	P=0.059N	P=0.060N
MAX-ISO-POLY-3	P=0.014N*	P=0.192N	P=0.020N*	P=0.021N*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	5/89 (6%)	1/90 (1%)	0/90 (0%)	1/89 (1%)
POLY-3 RATE (b)	5/79.49	1/83.34	0/83.15	1/82.89
POLY-3 PERCENT (g)	6.3%	1.2%	0%	1.2%
TERMINAL (d)	5/67 (8%)	1/72 (1%)	0/69 (0%)	1/72 (1%)
FIRST INCIDENCE	739 (T)	739 (T)	---	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.052N	P=0.095N	P=0.030N*	P=0.096N
POLY 1.5	P=0.052N	P=0.099N	P=0.031N*	P=0.101N
POLY 6	P=0.053N	P=0.090N	P=0.028N*	P=0.090N
COCH-ARM / FISHERS	P=0.053N	P=0.103N	P=0.029N*	P=0.105N
MAX-ISO-POLY-3	P=0.010N**	P=0.045N*	P=0.011N*	P=0.046N*

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Liver Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	6/89 (7%)	5/90 (6%)	6/90 (7%)	3/89 (3%)
POLY-3 RATE (b)	6/80.84	5/84.17	6/84.35	3/82.91
POLY-3 PERCENT (g)	7.4%	5.9%	7.1%	3.6%
TERMINAL (d)	3/67 (5%)	2/72 (3%)	3/69 (4%)	2/72 (3%)
FIRST INCIDENCE	493	458	324	734
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.210N	P=0.472N	P=0.588N	P=0.235N
POLY 1.5	P=0.216N	P=0.482N	P=0.599N	P=0.242N
POLY 6	P=0.202N	P=0.460N	P=0.577N	P=0.225N
COCH-ARM / FISHERS	P=0.219N	P=0.492N	P=0.609N	P=0.248N
MAX-ISO-POLY-3	P=0.254N	P=0.353N	P=0.469N	P=0.146N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver: Bile Duct Cyst				
LESION RATES				
OVERALL (a)	0/89 (0%)	1/90 (1%)	1/90 (1%)	0/89 (0%)
POLY-3 RATE (b)	0/79.49	1/83.34	1/83.15	0/82.89
POLY-3 PERCENT (g)	0%	1.2%	1.2%	0%
TERMINAL (d)	0/67 (0%)	1/72 (1%)	1/69 (1%)	0/72 (0%)
FIRST INCIDENCE	---	739 (T)	739 (T)	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver: Hepatocyte Fatty Change Focal				
LESION RATES				
OVERALL (a)	3/89 (3%)	0/90 (0%)	1/90 (1%)	0/89 (0%)
POLY-3 RATE (b)	3/79.93	0/83.34	1/83.15	0/82.89
POLY-3 PERCENT (g)	3.8%	0%	1.2%	0%
TERMINAL (d)	2/67 (3%)	0/72 (0%)	1/69 (1%)	0/72 (0%)
FIRST INCIDENCE	607	---	739 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.086N	P=0.114N	P=0.293N	P=0.115N
POLY 1.5	P=0.086N	P=0.116N	P=0.299N	P=0.118N
POLY 6	P=0.087N	P=0.110N	P=0.286N	P=0.110N
COCH-ARM / FISHERS	P=0.087N	P=0.121N	P=0.306N	P=0.123N
MAX-ISO-POLY-3	P=0.024N*	P=0.039N*	P=0.150N	P=0.039N*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver: Hepatocyte Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/90 (0%)	4/90 (4%)	1/89 (1%)
POLY-3 RATE (b)	0/79.49	0/83.34	4/83.63	1/83.74
POLY-3 PERCENT (g)	0%	0%	4.8%	1.2%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	2/69 (3%)	0/72 (0%)
FIRST INCIDENCE	---	---	674	390
STATISTICAL TESTS				
POLY 3	P=0.265	(e)	P=0.070	P=0.510
POLY 1.5	P=0.255	(e)	P=0.067	P=0.505
POLY 6	P=0.278	(e)	P=0.074	P=0.517
COCH-ARM / FISHERS	P=0.245	(e)	P=0.062	P=0.500
MAX-ISO-POLY-3	P=0.099	(e)	P=0.026*	P=0.172

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung Congestion				
LESION RATES				
OVERALL (a)	0/90 (0%)	2/90 (2%)	2/90 (2%)	1/90 (1%)
POLY-3 RATE (b)	0/79.90	2/84.35	2/83.29	1/84.12
POLY-3 PERCENT (g)	0%	2.4%	2.4%	1.2%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	1/69 (1%)	0/72 (0%)
FIRST INCIDENCE	---	447	701	390
STATISTICAL TESTS				
POLY 3	P=0.496	P=0.251	P=0.248	P=0.510
POLY 1.5	P=0.483	P=0.245	P=0.243	P=0.505
POLY 6	P=0.512	P=0.258	P=0.254	P=0.517
COCH-ARM / FISHERS	P=0.470	P=0.249	P=0.249	P=0.500
MAX-ISO-POLY-3	P=0.252	P=0.089	P=0.086	P=0.172

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung Hemorrhage				
LESION RATES				
OVERALL (a)	4/90 (4%)	1/90 (1%)	3/90 (3%)	3/90 (3%)
POLY-3 RATE (b)	4/80.63	1/83.34	3/84.03	3/84.12
POLY-3 PERCENT (g)	5%	1.2%	3.6%	3.6%
TERMINAL (d)	2/67 (3%)	1/72 (1%)	0/69 (0%)	2/72 (3%)
FIRST INCIDENCE	511	739 (T)	629	390
STATISTICAL TESTS				
POLY 3	P=0.551N	P=0.172N	P=0.478N	P=0.477N
POLY 1.5	P=0.557N	P=0.177N	P=0.490N	P=0.489N
POLY 6	P=0.546N	P=0.165N	P=0.463N	P=0.463N
COCH-ARM / FISHERS	P=0.562N	P=0.184N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.362N	P=0.084N	P=0.333N	P=0.332N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung				
Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	1/90 (1%)	2/90 (2%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	1/79.90	2/84.10	0/83.15	0/83.27
POLY-3 PERCENT (g)	1.3%	2.4%	0%	0%
TERMINAL (d)	1/67 (2%)	1/72 (1%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	739 (T)	458	---	---
STATISTICAL TESTS				
POLY 3	P=0.182N	P=0.518	P=0.492N	P=0.492N
POLY 1.5	P=0.185N	P=0.510	P=0.496N	P=0.496N
POLY 6	P=0.177N	P=0.528	P=0.487N	P=0.486N
COCH-ARM / FISHERS	P=0.189N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.183N	P=0.301	P=0.159N	P=0.159N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	3/90 (3%)	1/90 (1%)	2/90 (2%)	3/90 (3%)
POLY-3 RATE (b)	3/79.90	1/83.34	2/83.15	3/83.42
POLY-3 PERCENT (g)	3.8%	1.2%	2.4%	3.6%
TERMINAL (d)	3/67 (5%)	1/72 (1%)	2/69 (3%)	2/72 (3%)
FIRST INCIDENCE	739 (T)	739 (T)	739 (T)	700
STATISTICAL TESTS				
POLY 3	P=0.487	P=0.292N	P=0.482N	P=0.641N
POLY 1.5	P=0.481	P=0.299N	P=0.492N	P=0.651N
POLY 6	P=0.494	P=0.282N	P=0.471N	P=0.626N
COCH-ARM / FISHERS	P=0.477	P=0.310N	P=0.500N	P=0.659N
MAX-ISO-POLY-3	P=0.484N	P=0.151N	P=0.313N	P=0.478N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Epithelium Hyperplasia Focal				
LESION RATES				
OVERALL (a)	1/90 (1%)	1/90 (1%)	1/90 (1%)	3/90 (3%)
POLY-3 RATE (b)	1/79.90	1/83.34	1/83.15	3/83.89
POLY-3 PERCENT (g)	1.3%	1.2%	1.2%	3.6%
TERMINAL (d)	1/67 (2%)	1/72 (1%)	1/69 (1%)	2/72 (3%)
FIRST INCIDENCE	739 (T)	739 (T)	739 (T)	534
STATISTICAL TESTS				
POLY 3	P=0.173	P=0.751N	P=0.752N	P=0.324
POLY 1.5	P=0.169	P=0.755N	P=0.756N	P=0.315
POLY 6	P=0.179	P=0.745N	P=0.746N	P=0.336
COCH-ARM / FISHERS	P=0.165	P=0.751N	P=0.751N	P=0.310
MAX-ISO-POLY-3	P=0.219	P=0.487N	P=0.488N	P=0.174

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Lymph Node, Mandibular Hemorrhage				
<hr/>				
LESION RATES				
OVERALL (a)	3/76 (4%)	2/77 (3%)	1/81 (1%)	1/83 (1%)
POLY-3 RATE (b)	3/68.20	2/72.35	1/75.22	1/78.08
POLY-3 PERCENT (g)	4.4%	2.8%	1.3%	1.3%
TERMINAL (d)	0/56 (0%)	2/64 (3%)	1/64 (2%)	0/69 (0%)
FIRST INCIDENCE	579	739 (T)	739 (T)	681
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.172N	P=0.473N	P=0.272N	P=0.260N
POLY 1.5	P=0.175N	P=0.482N	P=0.279N	P=0.268N
POLY 6	P=0.168N	P=0.461N	P=0.265N	P=0.249N
COCH-ARM / FISHERS	P=0.177N	P=0.494N	P=0.286N	P=0.278N
MAX-ISO-POLY-3	P=0.193N	P=0.306N	P=0.141N	P=0.135N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mandibular Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/76 (1%)	1/77 (1%)	1/81 (1%)	4/83 (5%)
POLY-3 RATE (b)	1/67.07	1/72.35	1/75.22	4/77.89
POLY-3 PERCENT (g)	1.5%	1.4%	1.3%	5.1%
TERMINAL (d)	0/56 (0%)	1/64 (2%)	1/64 (2%)	3/69 (4%)
FIRST INCIDENCE	689	739 (T)	739 (T)	734
STATISTICAL TESTS				
POLY 3	P=0.088	P=0.743N	P=0.735N	P=0.230
POLY 1.5	P=0.085	P=0.750N	P=0.741N	P=0.219
POLY 6	P=0.092	P=0.735N	P=0.727N	P=0.244
COCH-ARM / FISHERS	P=0.083	P=0.748N	P=0.735N	P=0.212
MAX-ISO-POLY-3	P=0.131	P=0.478N	P=0.468N	P=0.128

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mandibular Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	0/76 (0%)	0/77 (0%)	2/81 (2%)	0/83 (0%)
POLY-3 RATE (b)	0/66.88	0/72.35	2/75.36	0/77.87
POLY-3 PERCENT (g)	0%	0%	2.7%	0%
TERMINAL (d)	0/56 (0%)	0/64 (0%)	1/64 (2%)	0/69 (0%)
FIRST INCIDENCE	---	---	701	---
STATISTICAL TESTS				
POLY 3	P=0.636	(e)	P=0.265	(e)
POLY 1.5	P=0.624	(e)	P=0.258	(e)
POLY 6	P=0.651	(e)	P=0.274	(e)
COCH-ARM / FISHERS	P=0.613	(e)	P=0.265	(e)
MAX-ISO-POLY-3	P=0.298	(e)	P=0.099	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Erythrophagocytosis				
LESION RATES				
OVERALL (a)	1/71 (1%)	0/84 (0%)	1/80 (1%)	0/83 (0%)
POLY-3 RATE (b)	1/63.52	0/78.62	1/75.65	0/77.32
POLY-3 PERCENT (g)	1.6%	0%	1.3%	0%
TERMINAL (d)	0/54 (0%)	0/69 (0%)	1/65 (2%)	0/68 (0%)
FIRST INCIDENCE	689	---	739 (T)	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Hemorrhage				
LESION RATES				
OVERALL (a)	1/71 (1%)	4/84 (5%)	2/80 (3%)	1/83 (1%)
POLY-3 RATE (b)	1/63.33	4/78.66	2/75.65	1/77.32
POLY-3 PERCENT (g)	1.6%	5.1%	2.6%	1.3%
TERMINAL (d)	1/54 (2%)	3/69 (4%)	2/65 (3%)	1/68 (2%)
FIRST INCIDENCE	739 (T)	730	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.338N	P=0.253	P=0.561	P=0.715N
POLY 1.5	P=0.349N	P=0.245	P=0.554	P=0.721N
POLY 6	P=0.325N	P=0.263	P=0.570	P=0.708N
COCH-ARM / FISHERS	P=0.358N	P=0.240	P=0.545	P=0.711N
MAX-ISO-POLY-3	P=0.364N	P=0.145	P=0.343	P=0.445N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/71 (1%)	10/84 (12%)	3/80 (4%)	3/83 (4%)
POLY-3 RATE (b)	1/63.52	10/78.85	3/75.65	3/77.32
POLY-3 PERCENT (g)	1.6%	12.7%	4%	3.9%
TERMINAL (d)	0/54 (0%)	9/69 (13%)	3/65 (5%)	3/68 (4%)
FIRST INCIDENCE	689	677	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.346N	P=0.015*	P=0.371	P=0.379
POLY 1.5	P=0.363N	P=0.013*	P=0.363	P=0.371
POLY 6	P=0.325N	P=0.016*	P=0.379	P=0.390
COCH-ARM / FISHERS	P=0.381N	P=0.010**	P=0.356	P=0.371
MAX-ISO-POLY-3	P=0.159	P=0.009**	P=0.215	P=0.221

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	3/71 (4%)	8/84 (10%)	6/80 (8%)	4/83 (5%)
POLY-3 RATE (b)	3/63.52	8/78.85	6/75.65	4/77.47
POLY-3 PERCENT (g)	4.7%	10.2%	7.9%	5.2%
TERMINAL (d)	2/54 (4%)	6/69 (9%)	6/65 (9%)	3/68 (4%)
FIRST INCIDENCE	689	687	739 (T)	700
STATISTICAL TESTS				
POLY 3	P=0.407N	P=0.188	P=0.338	P=0.606
POLY 1.5	P=0.424N	P=0.179	P=0.326	P=0.593
POLY 6	P=0.387N	P=0.200	P=0.350	P=0.621
COCH-ARM / FISHERS	P=0.437N	P=0.168	P=0.310	P=0.586
MAX-ISO-POLY-3	P=0.414	P=0.129	P=0.235	P=0.454

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	0/71 (0%)	0/84 (0%)	0/80 (0%)	0/83 (0%)
POLY-3 RATE (b)	0/63.33	0/78.62	0/75.65	0/77.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/54 (0%)	0/69 (0%)	0/65 (0%)	0/68 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mesenteric Infiltration Cellular Plasma Cell				
LESION RATES				
OVERALL (a)	0/71 (0%)	2/84 (2%)	0/80 (0%)	0/83 (0%)
POLY-3 RATE (b)	0/63.33	2/78.62	0/75.65	0/77.32
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/54 (0%)	2/69 (3%)	0/65 (0%)	0/68 (0%)
FIRST INCIDENCE	---	739 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.366N	P=0.288	(e)	(e)
POLY 1.5	P=0.373N	P=0.283	(e)	(e)
POLY 6	P=0.357N	P=0.294	(e)	(e)
COCH-ARM / FISHERS	P=0.382N	P=0.292	(e)	(e)
MAX-ISO-POLY-3	P=0.276N	P=0.115	(e)	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Bronchial Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/18 (11%)	0/20 (0%)	0/16 (0%)	4/14 (29%)
POLY-3 RATE (b)	2/15.75	0/19.97	0/13.42	4/12.73
POLY-3 PERCENT (g)	12.7%	0%	0%	31.4%
TERMINAL (d)	2/12 (17%)	0/19 (0%)	0/10 (0%)	4/10 (40%)
FIRST INCIDENCE	739 (T)	---	---	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.033*	P=0.182N	P=0.269N	P=0.224
POLY 1.5	P=0.035*	P=0.194N	P=0.274N	P=0.220
POLY 6	P=0.029*	P=0.167N	P=0.260N	P=0.226
COCH-ARM / FISHERS	P=0.049*	P=0.218N	P=0.273N	P=0.212
MAX-ISO-POLY-3	P=0.010**	P=0.065N	P=0.099N	P=0.121

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Lymph Node: Iliac Hemorrhage				
<hr/>				
LESION RATES				
OVERALL (a)	1/18 (6%)	0/20 (0%)	2/16 (13%)	0/14 (0%)
POLY-3 RATE (b)	1/16.30	0/19.97	2/14.34	0/12.73
POLY-3 PERCENT (g)	6.1%	0%	14%	0%
TERMINAL (d)	0/12 (0%)	0/19 (0%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	568	---	324	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.555N	P=0.460N	P=0.454	P=0.549N
POLY 1.5	P=0.547N	P=0.468N	P=0.448	P=0.549N
POLY 6	P=0.568N	P=0.448N	P=0.463	P=0.551N
COCH-ARM / FISHERS	P=0.539N	P=0.474N	P=0.455	P=0.563N
MAX-ISO-POLY-3	P=0.380N	P=0.150N	P=0.246	P=0.203N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Iliac Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	4/18 (22%)	2/20 (10%)	6/16 (38%)	2/14 (14%)
POLY-3 RATE (b)	4/15.75	2/19.97	6/13.42	2/12.73
POLY-3 PERCENT (g)	25.4%	10%	44.7%	15.7%
TERMINAL (d)	4/12 (33%)	2/19 (11%)	6/10 (60%)	2/10 (20%)
FIRST INCIDENCE	739 (T)	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.585N	P=0.223N	P=0.240	P=0.435N
POLY 1.5	P=0.575N	P=0.248N	P=0.233	P=0.443N
POLY 6	P=0.572	P=0.193N	P=0.258	P=0.427N
COCH-ARM / FISHERS	P=0.564N	P=0.279N	P=0.275	P=0.460N
MAX-ISO-POLY-3	P=0.320	P=0.133N	P=0.147	P=0.276N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Lymph Node: Iliac Infiltration Cellular Histiocyte				
<hr/>				
LESION RATES				
OVERALL (a)	0/18 (0%)	1/20 (5%)	1/16 (6%)	0/14 (0%)
POLY-3 RATE (b)	0/15.75	1/19.97	1/13.42	0/12.73
POLY-3 PERCENT (g)	0%	5%	7.5%	0%
TERMINAL (d)	0/12 (0%)	1/19 (5%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	---	739 (T)	739 (T)	---
<hr/>				
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Iliac Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	1/18 (6%)	1/20 (5%)	4/16 (25%)	0/14 (0%)
POLY-3 RATE (b)	1/16.23	1/19.97	4/13.42	0/12.73
POLY-3 PERCENT (g)	6.2%	5%	29.8%	0%
TERMINAL (d)	0/12 (0%)	1/19 (5%)	4/10 (40%)	0/10 (0%)
FIRST INCIDENCE	597	739 (T)	739 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.570N	P=0.713N	P=0.108	P=0.548N
POLY 1.5	P=0.562N	P=0.724N	P=0.108	P=0.549N
POLY 6	P=0.586N	P=0.699N	P=0.110	P=0.550N
COCH-ARM / FISHERS	P=0.556N	P=0.730N	P=0.133	P=0.563N
MAX-ISO-POLY-3	P=0.231N	P=0.444N	P=0.050*	P=0.201N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Iliac Pigment				
LESION RATES				
OVERALL (a)	0/18 (0%)	0/20 (0%)	4/16 (25%)	0/14 (0%)
POLY-3 RATE (b)	0/15.75	0/19.97	4/13.42	0/12.73
POLY-3 PERCENT (g)	0%	0%	29.8%	0%
TERMINAL (d)	0/12 (0%)	0/19 (0%)	4/10 (40%)	0/10 (0%)
FIRST INCIDENCE	---	---	739 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.408	(e)	P=0.028*	(e)
POLY 1.5	P=0.412	(e)	P=0.028*	(e)
POLY 6	P=0.393	(e)	P=0.031*	(e)
COCH-ARM / FISHERS	P=0.407	(e)	P=0.039*	(e)
MAX-ISO-POLY-3	P=0.066	(e)	P=0.009**	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Mediastinal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/18 (6%)	2/20 (10%)	0/16 (0%)	0/14 (0%)
POLY-3 RATE (b)	1/15.75	2/19.97	0/13.42	0/12.73
POLY-3 PERCENT (g)	6.4%	10%	0%	0%
TERMINAL (d)	1/12 (8%)	2/19 (11%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	739 (T)	739 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.233N	P=0.583	P=0.532N	P=0.543N
POLY 1.5	P=0.236N	P=0.563	P=0.535N	P=0.546N
POLY 6	P=0.230N	P=0.608	P=0.525N	P=0.540N
COCH-ARM / FISHERS	P=0.231N	P=0.541	P=0.529N	P=0.563N
MAX-ISO-POLY-3	P=0.265N	P=0.362	P=0.190N	P=0.194N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Pancreatic Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/18 (6%)	0/20 (0%)	0/16 (0%)	0/14 (0%)
POLY-3 RATE (b)	1/15.75	0/19.97	0/13.42	0/12.73
POLY-3 PERCENT (g)	6.4%	0%	0%	0%
TERMINAL (d)	1/12 (8%)	0/19 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	739 (T)	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node: Renal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	3/18 (17%)	2/20 (10%)	1/16 (6%)	0/14 (0%)
POLY-3 RATE (b)	3/15.75	2/19.97	1/13.42	0/12.73
POLY-3 PERCENT (g)	19%	10%	7.5%	0%
TERMINAL (d)	3/12 (25%)	2/19 (11%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	739 (T)	739 (T)	739 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.092N	P=0.390N	P=0.359N	P=0.147N
POLY 1.5	P=0.091N	P=0.416N	P=0.367N	P=0.151N
POLY 6	P=0.095N	P=0.355N	P=0.344N	P=0.142N
COCH-ARM / FISHERS	P=0.086N	P=0.448N	P=0.348N	P=0.165N
MAX-ISO-POLY-3	P=0.083N	P=0.244N	P=0.197N	P=0.053N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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: Duct Dilation				
LESION RATES				
OVERALL (a)	1/85 (1%)	1/88 (1%)	2/88 (2%)	1/84 (1%)
POLY-3 RATE (b)	1/77.04	1/82.41	2/81.78	1/79.70
POLY-3 PERCENT (g)	1.3%	1.2%	2.5%	1.3%
TERMINAL (d)	0/66 (0%)	1/72 (1%)	2/69 (3%)	1/72 (1%)
FIRST INCIDENCE	703	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.601	P=0.745N	P=0.521	P=0.753N
POLY 1.5	P=0.592	P=0.749N	P=0.515	P=0.758N
POLY 6	P=0.612	P=0.741N	P=0.527	P=0.746N
COCH-ARM / FISHERS	P=0.585	P=0.743N	P=0.513	P=0.749
MAX-ISO-POLY-3	P=0.600	P=0.480N	P=0.302	P=0.490N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mesentery: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/29 (0%)	2/24 (8%)	0/32 (0%)	0/30 (0%)
POLY-3 RATE (b)	0/25.58	2/21.81	0/29.24	0/27.87
POLY-3 PERCENT (g)	0%	9.2%	0%	0%
TERMINAL (d)	0/21 (0%)	0/17 (0%)	0/23 (0%)	0/21 (0%)
FIRST INCIDENCE	---	537	---	---
STATISTICAL TESTS				
POLY 3	P=0.367N	P=0.199	(e)	(e)
POLY 1.5	P=0.374N	P=0.196	(e)	(e)
POLY 6	P=0.359N	P=0.203	(e)	(e)
COCH-ARM / FISHERS	P=0.384N	P=0.200	(e)	(e)
MAX-ISO-POLY-3	P=0.216N	P=0.063	(e)	(e)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mesentery: Fat Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	2/29 (7%)	1/24 (4%)	0/32 (0%)	0/30 (0%)
POLY-3 RATE (b)	2/25.58	1/21.15	0/29.24	0/27.87
POLY-3 PERCENT (g)	7.8%	4.7%	0%	0%
TERMINAL (d)	2/21 (10%)	1/17 (6%)	0/23 (0%)	0/21 (0%)
FIRST INCIDENCE	739 (T)	739 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.087N	P=0.567N	P=0.206N	P=0.216N
POLY 1.5	P=0.088N	P=0.567N	P=0.211N	P=0.221N
POLY 6	P=0.086N	P=0.564N	P=0.200N	P=0.212N
COCH-ARM / FISHERS	P=0.089N	P=0.572N	P=0.222N	P=0.237N
MAX-ISO-POLY-3	P=0.077N	P=0.342N	P=0.069N	P=0.072N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	25/29 (86%)	19/24 (79%)	27/32 (84%)	27/30 (90%)
POLY-3 RATE (b)	25/28.94	19/22.82	27/30.34	27/29.25
POLY-3 PERCENT (g)	86.4%	83.3%	89%	92.3%
TERMINAL (d)	18/21 (86%)	14/17 (82%)	22/23 (96%)	21/21 (100%)
FIRST INCIDENCE	511	458	600	561
STATISTICAL TESTS				
POLY 3	P=0.236	P=0.531N	P=0.537	P=0.375
POLY 1.5	P=0.271	P=0.468N	P=0.576	P=0.426
POLY 6	P=0.174	P=0.599N	P=0.478	P=0.287
COCH-ARM / FISHERS	P=0.314	P=0.376N	P=0.565N	P=0.480
MAX-ISO-POLY-3	P=0.296	P=0.382N	P=0.377	P=0.225

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Nose: Respiratory Epithelium Hyperplasia				
<hr/>				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/90 (0%)	1/90 (1%)	0/90 (0%)
POLY-3 RATE (b)	0/78.96	0/83.34	1/83.81	0/83.27
POLY-3 PERCENT (g)	0%	0%	1.2%	0%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	516	---
<hr/>				
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Ovary Angiectasis				
<hr/>				
LESION RATES				
OVERALL (a)	0/75 (0%)	1/86 (1%)	1/82 (1%)	2/80 (3%)
POLY-3 RATE (b)	0/66.00	1/79.76	1/76.06	2/75.66
POLY-3 PERCENT (g)	0%	1.3%	1.3%	2.6%
TERMINAL (d)	0/56 (0%)	1/69 (1%)	1/65 (2%)	2/67 (3%)
FIRST INCIDENCE	---	739 (T)	739 (T)	739 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.171	P=0.538	P=0.528	P=0.269
POLY 1.5	P=0.165	P=0.533	P=0.523	P=0.262
POLY 6	P=0.178	P=0.544	P=0.535	P=0.278
COCH-ARM / FISHERS	P=0.155	P=0.534	P=0.522	P=0.265
MAX-ISO-POLY-3	P=0.157	P=0.196	P=0.187	P=0.103

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Ovary Cyst				
LESION RATES				
OVERALL (a)	9/75 (12%)	13/86 (15%)	9/82 (11%)	7/80 (9%)
POLY-3 RATE (b)	9/66.79	13/80.41	9/77.36	7/75.71
POLY-3 PERCENT (g)	13.5%	16.2%	11.6%	9.3%
TERMINAL (d)	7/56 (13%)	10/69 (15%)	7/65 (11%)	6/67 (9%)
FIRST INCIDENCE	607	650	324	726
STATISTICAL TESTS				
POLY 3	P=0.166N	P=0.412	P=0.468N	P=0.298N
POLY 1.5	P=0.180N	P=0.390	P=0.493N	P=0.317N
POLY 6	P=0.153N	P=0.441	P=0.441N	P=0.277N
COCH-ARM / FISHERS	P=0.202N	P=0.367	P=0.518N	P=0.344N
MAX-ISO-POLY-3	P=0.267N	P=0.333	P=0.375N	P=0.224N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Ovary Hemorrhage				
LESION RATES				
OVERALL (a)	1/75 (1%)	2/86 (2%)	1/82 (1%)	0/80 (0%)
POLY-3 RATE (b)	1/66.45	2/80.61	1/76.06	0/75.66
POLY-3 PERCENT (g)	1.5%	2.5%	1.3%	0%
TERMINAL (d)	0/56 (0%)	0/69 (0%)	1/65 (2%)	0/67 (0%)
FIRST INCIDENCE	607	458	739 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.225N	P=0.567	P=0.730N	P=0.474N
POLY 1.5	P=0.231N	P=0.558	P=0.736N	P=0.479N
POLY 6	P=0.219N	P=0.577	P=0.723N	P=0.468N
COCH-ARM / FISHERS	P=0.239N	P=0.551	P=0.729N	P=0.484N
MAX-ISO-POLY-3	P=0.256N	P=0.347	P=0.462N	P=0.154N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Ovary: Follicle Cyst				
LESION RATES				
OVERALL (a)	9/75 (12%)	11/86 (13%)	6/82 (7%)	7/80 (9%)
POLY-3 RATE (b)	9/67.23	11/80.41	6/77.02	7/75.66
POLY-3 PERCENT (g)	13.4%	13.7%	7.8%	9.3%
TERMINAL (d)	7/56 (13%)	9/69 (13%)	4/65 (6%)	7/67 (10%)
FIRST INCIDENCE	511	537	324	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.189N	P=0.575	P=0.205N	P=0.303N
POLY 1.5	P=0.200N	P=0.556	P=0.219N	P=0.321N
POLY 6	P=0.178N	P=0.590N	P=0.189N	P=0.283N
COCH-ARM / FISHERS	P=0.216N	P=0.537	P=0.234N	P=0.344N
MAX-ISO-POLY-3	P=0.290N	P=0.479	P=0.146N	P=0.228N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Ovary: Granulosa Cell Hyperplasia				
LESION RATES				
OVERALL (a)	0/75 (0%)	2/86 (2%)	0/82 (0%)	0/80 (0%)
POLY-3 RATE (b)	0/66.00	2/79.76	0/76.06	0/75.66
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/56 (0%)	2/69 (3%)	0/65 (0%)	0/67 (0%)
FIRST INCIDENCE	---	739 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.378N	P=0.282	(e)	(e)
POLY 1.5	P=0.387N	P=0.276	(e)	(e)
POLY 6	P=0.367N	P=0.289	(e)	(e)
COCH-ARM / FISHERS	P=0.398N	P=0.284	(e)	(e)
MAX-ISO-POLY-3	P=0.278N	P=0.111	(e)	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pancreas				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	27/87 (31%)	26/88 (30%)	30/89 (34%)	24/86 (28%)
POLY-3 RATE (b)	27/79.16	26/81.71	30/82.87	24/80.92
POLY-3 PERCENT (g)	34.1%	31.8%	36.2%	29.7%
TERMINAL (d)	25/67 (37%)	25/72 (35%)	28/69 (41%)	23/72 (32%)
FIRST INCIDENCE	607	687	631	734
STATISTICAL TESTS				
POLY 3	P=0.336N	P=0.444N	P=0.454	P=0.331N
POLY 1.5	P=0.361N	P=0.463N	P=0.427	P=0.358N
POLY 6	P=0.304N	P=0.413N	P=0.486	P=0.296N
COCH-ARM / FISHERS	P=0.392N	P=0.480N	P=0.414	P=0.388N
MAX-ISO-POLY-3	P=0.445N	P=0.378N	P=0.389	P=0.275N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg

Pancreas: Acinus
Atrophy

LESION RATES

OVERALL (a)	0/87 (0%)	0/88 (0%)	2/89 (2%)	1/86 (1%)
POLY-3 RATE (b)	0/78.53	0/81.52	2/82.40	1/80.90
POLY-3 PERCENT (g)	0%	0%	2.4%	1.2%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	1/69 (1%)	1/72 (1%)
FIRST INCIDENCE	---	---	701	739 (T)

STATISTICAL TESTS

POLY 3	P=0.255	(e)	P=0.249	P=0.506
POLY 1.5	P=0.249	(e)	P=0.246	P=0.502
POLY 6	P=0.263	(e)	P=0.253	P=0.511
COCH-ARM / FISHERS	P=0.242	(e)	P=0.254	P=0.497
MAX-ISO-POLY-3	P=0.187	(e)	P=0.086	P=0.167

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pancreas: Duct Cyst				
LESION RATES				
OVERALL (a)	1/87 (1%)	1/88 (1%)	2/89 (2%)	3/86 (3%)
POLY-3 RATE (b)	1/78.53	1/81.52	2/82.25	3/80.90
POLY-3 PERCENT (g)	1.3%	1.2%	2.4%	3.7%
TERMINAL (d)	1/67 (2%)	1/72 (1%)	2/69 (3%)	3/72 (4%)
FIRST INCIDENCE	739 (T)	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.172	P=0.752N	P=0.516	P=0.317
POLY 1.5	P=0.168	P=0.755N	P=0.511	P=0.311
POLY 6	P=0.177	P=0.747N	P=0.522	P=0.327
COCH-ARM / FISHERS	P=0.162	P=0.749N	P=0.509	P=0.306
MAX-ISO-POLY-3	P=0.239	P=0.489N	P=0.298	P=0.168

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Parathyroid Gland Cyst				
<hr/>				
LESION RATES				
OVERALL (a)	1/60 (2%)	0/57 (0%)	0/64 (0%)	0/62 (0%)
POLY-3 RATE (b)	1/53.01	0/52.10	0/60.71	0/56.04
POLY-3 PERCENT (g)	1.9%	0%	0%	0%
TERMINAL (d)	1/44 (2%)	0/43 (0%)	0/52 (0%)	0/45 (0%)
FIRST INCIDENCE	739 (T)	---	---	---
<hr/>				
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Peripheral Nerve, Sciatic: Axon Degeneration				
LESION RATES				
OVERALL (a)	12/88 (14%)	6/87 (7%)	7/88 (8%)	6/88 (7%)
POLY-3 RATE (b)	12/78.26	6/81.11	7/81.57	6/81.39
POLY-3 PERCENT (g)	15.3%	7.4%	8.6%	7.4%
TERMINAL (d)	11/65 (17%)	4/69 (6%)	5/67 (8%)	4/70 (6%)
FIRST INCIDENCE	638	617	631	720
STATISTICAL TESTS				
POLY 3	P=0.110N	P=0.091N	P=0.141N	P=0.089N
POLY 1.5	P=0.115N	P=0.100N	P=0.154N	P=0.098N
POLY 6	P=0.104N	P=0.079N	P=0.127N	P=0.079N
COCH-ARM / FISHERS	P=0.118N	P=0.111N	P=0.166N	P=0.106N
MAX-ISO-POLY-3	P=0.074N	P=0.059N	P=0.098N	P=0.058N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS 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 Angiectasis				
LESION RATES				
OVERALL (a)	2/80 (3%)	7/80 (9%)	6/84 (7%)	5/84 (6%)
POLY-3 RATE (b)	2/70.99	7/73.72	6/77.45	5/78.28
POLY-3 PERCENT (g)	2.8%	9.5%	7.8%	6.4%
TERMINAL (d)	2/60 (3%)	7/65 (11%)	5/64 (8%)	5/68 (7%)
FIRST INCIDENCE	739 (T)	739 (T)	674	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.392	P=0.093	P=0.167	P=0.261
POLY 1.5	P=0.376	P=0.088	P=0.160	P=0.252
POLY 6	P=0.414	P=0.100	P=0.176	P=0.273
COCH-ARM / FISHERS	P=0.355	P=0.084	P=0.155	P=0.242
MAX-ISO-POLY-3	P=0.189	P=0.050*	P=0.099	P=0.161

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

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Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Cyst				
LESION RATES				
OVERALL (a)	1/80 (1%)	3/80 (4%)	0/84 (0%)	1/84 (1%)
POLY-3 RATE (b)	1/70.99	3/73.72	0/77.21	1/78.28
POLY-3 PERCENT (g)	1.4%	4.1%	0%	1.3%
TERMINAL (d)	1/60 (2%)	3/65 (5%)	0/64 (0%)	1/68 (2%)
FIRST INCIDENCE	739 (T)	739 (T)	---	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.377N	P=0.320	P=0.483N	P=0.738N
POLY 1.5	P=0.384N	P=0.314	P=0.487N	P=0.743N
POLY 6	P=0.369N	P=0.330	P=0.479N	P=0.732N
COCH-ARM / FISHERS	P=0.392N	P=0.310	P=0.488N	P=0.739N
MAX-ISO-POLY-3	P=0.266N	P=0.170	P=0.155N	P=0.472N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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
Hyperplasia Focal

LESION RATES

OVERALL (a)	2/80 (3%)	4/80 (5%)	5/84 (6%)	4/84 (5%)
POLY-3 RATE (b)	2/70.99	4/73.76	5/77.21	4/78.28
POLY-3 PERCENT (g)	2.8%	5.4%	6.5%	5.1%
TERMINAL (d)	2/60 (3%)	3/65 (5%)	5/64 (8%)	4/68 (6%)
FIRST INCIDENCE	739 (T)	730	739 (T)	739 (T)

STATISTICAL TESTS

POLY 3	P=0.371	P=0.356	P=0.255	P=0.385
POLY 1.5	P=0.358	P=0.348	P=0.246	P=0.374
POLY 6	P=0.386	P=0.369	P=0.264	P=0.398
COCH-ARM / FISHERS	P=0.341	P=0.341	P=0.242	P=0.364
MAX-ISO-POLY-3	P=0.344	P=0.221	P=0.155	P=0.247

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Salivary Glands				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	59/89 (66%)	54/89 (61%)	55/90 (61%)	62/90 (69%)
POLY-3 RATE (b)	59/85.01	54/84.60	55/84.46	62/84.26
POLY-3 PERCENT (g)	69.4%	63.8%	65.1%	73.6%
TERMINAL (d)	47/67 (70%)	45/71 (63%)	49/69 (71%)	58/72 (81%)
FIRST INCIDENCE	448	562	631	561
STATISTICAL TESTS				
POLY 3	P=0.223	P=0.269N	P=0.330N	P=0.328
POLY 1.5	P=0.241	P=0.274N	P=0.326N	P=0.347
POLY 6	P=0.199	P=0.251N	P=0.342N	P=0.308
COCH-ARM / FISHERS	P=0.304	P=0.267N	P=0.286N	P=0.416
MAX-ISO-POLY-3	P=0.233	P=0.218N	P=0.273N	P=0.269

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS 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 Degeneration				
LESION RATES				
OVERALL (a)	0/89 (0%)	0/90 (0%)	2/90 (2%)	1/90 (1%)
POLY-3 RATE (b)	0/78.90	0/83.34	2/83.78	1/83.54
POLY-3 PERCENT (g)	0%	0%	2.4%	1.2%
TERMINAL (d)	0/66 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	631	664
STATISTICAL TESTS				
POLY 3	P=0.260	(e)	P=0.252	P=0.511
POLY 1.5	P=0.253	(e)	P=0.246	P=0.506
POLY 6	P=0.269	(e)	P=0.259	P=0.518
COCH-ARM / FISHERS	P=0.248	(e)	P=0.251	P=0.503
MAX-ISO-POLY-3	P=0.195	(e)	P=0.090	P=0.172

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

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 NON-NEOPLASTIC LESIONS 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 Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	16/89 (18%)	5/90 (6%)	10/90 (11%)	16/90 (18%)
POLY-3 RATE (b)	16/81.35	5/83.34	10/83.78	16/83.29
POLY-3 PERCENT (g)	19.7%	6%	11.9%	19.2%
TERMINAL (d)	11/66 (17%)	5/72 (7%)	8/69 (12%)	15/72 (21%)
FIRST INCIDENCE	448	739 (T)	631	734
STATISTICAL TESTS				
POLY 3	P=0.281	P=0.007N**	P=0.124N	P=0.549N
POLY 1.5	P=0.276	P=0.008N**	P=0.133N	P=0.562N
POLY 6	P=0.288	P=0.007N**	P=0.115N	P=0.530N
COCH-ARM / FISHERS	P=0.279	P=0.009N**	P=0.137N	P=0.563N
MAX-ISO-POLY-3	P=0.143N	P=0.004N**	P=0.088N	P=0.470N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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: Arteriole Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/89 (0%)	2/90 (2%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/78.90	2/83.38	0/83.15	0/83.27
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/66 (0%)	1/72 (1%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	730	---	---
STATISTICAL TESTS				
POLY 3	P=0.388N	P=0.251	(e)	(e)
POLY 1.5	P=0.396N	P=0.246	(e)	(e)
POLY 6	P=0.378N	P=0.257	(e)	(e)
COCH-ARM / FISHERS	P=0.403N	P=0.251	(e)	(e)
MAX-ISO-POLY-3	P=0.263N	P=0.089	(e)	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Cell Phone Radiation: GSM
 CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
 Time Report Requested: 11:33:39
 First Dose M/F: 06/18/12 / 06/18/12
 Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin Ulcer				
LESION RATES				
OVERALL (a)	2/90 (2%)	2/90 (2%)	2/90 (2%)	2/90 (2%)
POLY-3 RATE (b)	2/80.49	2/83.90	2/83.19	2/83.52
POLY-3 PERCENT (g)	2.5%	2.4%	2.4%	2.4%
TERMINAL (d)	1/67 (2%)	1/72 (1%)	1/69 (1%)	1/72 (1%)
FIRST INCIDENCE	551	562	728	669
STATISTICAL TESTS				
POLY 3	P=0.585N	P=0.678N	P=0.681N	P=0.680N
POLY 1.5	P=0.591N	P=0.685N	P=0.688N	P=0.687N
POLY 6	P=0.578N	P=0.668N	P=0.673N	P=0.669N
COCH-ARM / FISHERS	P=0.596	P=0.690N	P=0.690N	P=0.690N
MAX-ISO-POLY-3	P=0.733N	P=0.483N	P=0.486N	P=0.485N

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin: Hair Follicle Atrophy				
LESION RATES				
OVERALL (a)	2/90 (2%)	1/90 (1%)	4/90 (4%)	8/90 (9%)
POLY-3 RATE (b)	2/80.93	1/83.34	4/83.15	8/83.27
POLY-3 PERCENT (g)	2.5%	1.2%	4.8%	9.6%
TERMINAL (d)	0/67 (0%)	1/72 (1%)	4/69 (6%)	8/72 (11%)
FIRST INCIDENCE	511	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.007**	P=0.490N	P=0.352	P=0.055
POLY 1.5	P=0.007**	P=0.495N	P=0.344	P=0.052
POLY 6	P=0.008**	P=0.483N	P=0.360	P=0.060
COCH-ARM / FISHERS	P=0.007**	P=0.500N	P=0.341	P=0.050*
MAX-ISO-POLY-3	P=0.011*	P=0.276N	P=0.217	P=0.029*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spinal Cord Necrosis				
LESION RATES				
OVERALL (a)	0/90 (0%)	3/90 (3%)	0/90 (0%)	0/90 (0%)
POLY-3 RATE (b)	0/79.90	3/83.38	0/83.15	0/83.27
POLY-3 PERCENT (g)	0%	3.6%	0%	0%
TERMINAL (d)	0/67 (0%)	2/72 (3%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	730	---	---
STATISTICAL TESTS				
POLY 3	P=0.293N	P=0.129	(e)	(e)
POLY 1.5	P=0.302N	P=0.125	(e)	(e)
POLY 6	P=0.282N	P=0.134	(e)	(e)
COCH-ARM / FISHERS	P=0.312N	P=0.123	(e)	(e)
MAX-ISO-POLY-3	P=0.179N	P=0.046*	(e)	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spinal Cord: Artery, Meninges Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/90 (0%)	5/90 (6%)	1/90 (1%)	2/90 (2%)
POLY-3 RATE (b)	0/79.90	5/83.34	1/83.15	2/83.27
POLY-3 PERCENT (g)	0%	6%	1.2%	2.4%
TERMINAL (d)	0/67 (0%)	5/72 (7%)	1/69 (1%)	2/72 (3%)
FIRST INCIDENCE	---	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.528	P=0.037*	P=0.508	P=0.248
POLY 1.5	P=0.513	P=0.035*	P=0.504	P=0.243
POLY 6	P=0.547	P=0.040*	P=0.513	P=0.254
COCH-ARM / FISHERS	P=0.500	P=0.030*	P=0.500	P=0.249
MAX-ISO-POLY-3	P=0.153	P=0.014*	P=0.169	P=0.086

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spleen				
Extramedullary Hematopoiesis				
<hr/>				
LESION RATES				
OVERALL (a)	20/86 (23%)	15/87 (17%)	19/89 (21%)	11/87 (13%)
POLY-3 RATE (b)	20/82.96	15/82.05	19/85.11	11/83.89
POLY-3 PERCENT (g)	24.1%	18.3%	22.3%	13.1%
TERMINAL (d)	8/67 (12%)	10/72 (14%)	9/68 (13%)	5/72 (7%)
FIRST INCIDENCE	448	562	324	607
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.061N	P=0.234N	P=0.464N	P=0.051N
POLY 1.5	P=0.063N	P=0.228N	P=0.464N	P=0.051N
POLY 6	P=0.060N	P=0.238N	P=0.466N	P=0.051N
COCH-ARM / FISHERS	P=0.066N	P=0.213N	P=0.452N	P=0.052N
MAX-ISO-POLY-3	P=0.055N	P=0.182N	P=0.391N	P=0.033N*

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spleen				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	11/86 (13%)	7/87 (8%)	13/89 (15%)	10/87 (11%)
POLY-3 RATE (b)	11/78.11	7/81.01	13/82.65	10/82.74
POLY-3 PERCENT (g)	14.1%	8.6%	15.7%	12.1%
TERMINAL (d)	11/67 (16%)	6/72 (8%)	11/68 (16%)	10/72 (14%)
FIRST INCIDENCE	739 (T)	667	669	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.542	P=0.202N	P=0.471	P=0.444N
POLY 1.5	P=0.525	P=0.212N	P=0.456	P=0.463N
POLY 6	P=0.535N	P=0.188N	P=0.491	P=0.422N
COCH-ARM / FISHERS	P=0.501	P=0.220N	P=0.449	P=0.489N
MAX-ISO-POLY-3	P=0.502	P=0.143N	P=0.385	P=0.356N

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Forestomach Cyst				
LESION RATES				
OVERALL (a)	0/86 (0%)	0/89 (0%)	1/90 (1%)	0/85 (0%)
POLY-3 RATE (b)	0/78.11	0/82.43	1/83.15	0/80.38
POLY-3 PERCENT (g)	0%	0%	1.2%	0%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	1/69 (1%)	0/72 (0%)
FIRST INCIDENCE	---	---	739 (T)	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Forestomach Hyperkeratosis				
LESION RATES				
OVERALL (a)	0/86 (0%)	0/89 (0%)	1/90 (1%)	0/85 (0%)
POLY-3 RATE (b)	0/78.11	0/82.43	1/83.39	0/80.38
POLY-3 PERCENT (g)	0%	0%	1.2%	0%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	674	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Forestomach: Epithelium Hyperplasia Focal				
LESION RATES				
OVERALL (a)	0/86 (0%)	0/89 (0%)	2/90 (2%)	0/85 (0%)
POLY-3 RATE (b)	0/78.11	0/82.43	2/83.49	0/80.38
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/67 (0%)	0/72 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	674	---
STATISTICAL TESTS				
POLY 3	P=0.611	(e)	P=0.253	(e)
POLY 1.5	P=0.601	(e)	P=0.250	(e)
POLY 6	P=0.623	(e)	P=0.257	(e)
COCH-ARM / FISHERS	P=0.592	(e)	P=0.260	(e)
MAX-ISO-POLY-3	P=0.269	(e)	P=0.089	(e)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Glandular Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	0/85 (0%)	0/87 (0%)	0/85 (0%)	0/85 (0%)
POLY-3 RATE (b)	0/77.56	0/80.52	0/78.52	0/81.16
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/71 (0%)	0/69 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Glandular Cyst				
LESION RATES				
OVERALL (a)	3/85 (4%)	3/87 (3%)	4/85 (5%)	0/85 (0%)
POLY-3 RATE (b)	3/77.56	3/80.52	4/78.52	0/81.16
POLY-3 PERCENT (g)	3.9%	3.7%	5.1%	0%
TERMINAL (d)	3/67 (5%)	3/71 (4%)	4/69 (6%)	0/72 (0%)
FIRST INCIDENCE	739 (T)	739 (T)	739 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.105N	P=0.643N	P=0.507	P=0.113N
POLY 1.5	P=0.110N	P=0.647N	P=0.501	P=0.117N
POLY 6	P=0.100N	P=0.637N	P=0.514	P=0.109N
COCH-ARM / FISHERS	P=0.118N	P=0.648N	P=0.500	P=0.123N
MAX-ISO-POLY-3	P=0.106N	P=0.481N	P=0.356	P=0.039N*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Glandular Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/85 (0%)	0/87 (0%)	1/85 (1%)	2/85 (2%)
POLY-3 RATE (b)	0/77.56	0/80.52	1/78.52	2/81.16
POLY-3 PERCENT (g)	0%	0%	1.3%	2.5%
TERMINAL (d)	0/67 (0%)	0/71 (0%)	1/69 (1%)	2/72 (3%)
FIRST INCIDENCE	---	---	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.074	(e)	P=0.502	P=0.249
POLY 1.5	P=0.072	(e)	P=0.500	P=0.244
POLY 6	P=0.076	(e)	P=0.505	P=0.254
COCH-ARM / FISHERS	P=0.070	(e)	P=0.500	P=0.249
MAX-ISO-POLY-3	P=0.090	(e)	P=0.162	P=0.087

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Thymus Atrophy				
LESION RATES				
OVERALL (a)	5/85 (6%)	3/80 (4%)	8/84 (10%)	1/86 (1%)
POLY-3 RATE (b)	5/79.07	3/76.70	8/81.93	1/81.25
POLY-3 PERCENT (g)	6.3%	3.9%	9.8%	1.2%
TERMINAL (d)	0/66 (0%)	1/69 (1%)	0/67 (0%)	0/72 (0%)
FIRST INCIDENCE	551	617	324	669
STATISTICAL TESTS				
POLY 3	P=0.152N	P=0.375N	P=0.305	P=0.099N
POLY 1.5	P=0.156N	P=0.383N	P=0.293	P=0.102N
POLY 6	P=0.149N	P=0.364N	P=0.319	P=0.096N
COCH-ARM / FISHERS	P=0.157N	P=0.394N	P=0.275	P=0.103N
MAX-ISO-POLY-3	P=0.099N	P=0.249N	P=0.218	P=0.046N*

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Thymus Cyst				
LESION RATES				
OVERALL (a)	2/85 (2%)	2/80 (3%)	7/84 (8%)	2/86 (2%)
POLY-3 RATE (b)	2/77.02	2/75.97	7/78.83	2/81.00
POLY-3 PERCENT (g)	2.6%	2.6%	8.9%	2.5%
TERMINAL (d)	2/66 (3%)	2/69 (3%)	7/67 (10%)	2/72 (3%)
FIRST INCIDENCE	739 (T)	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.519	P=0.688	P=0.090	P=0.675N
POLY 1.5	P=0.507	P=0.680	P=0.086	P=0.682N
POLY 6	P=0.534	P=0.687N	P=0.094	P=0.665N
COCH-ARM / FISHERS	P=0.498	P=0.667	P=0.081	P=0.685N
MAX-ISO-POLY-3	P=0.283	P=0.494	P=0.048*	P=0.479N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Thymus				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/85 (1%)	0/80 (0%)	2/84 (2%)	2/86 (2%)
POLY-3 RATE (b)	1/77.02	0/75.97	2/79.09	2/81.00
POLY-3 PERCENT (g)	1.3%	0%	2.5%	2.5%
TERMINAL (d)	1/66 (2%)	0/69 (0%)	1/67 (2%)	2/72 (3%)
FIRST INCIDENCE	739 (T)	---	669	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.263	P=0.503N	P=0.509	P=0.517
POLY 1.5	P=0.259	P=0.507N	P=0.503	P=0.510
POLY 6	P=0.267	P=0.497N	P=0.517	P=0.527
COCH-ARM / FISHERS	P=0.257	P=0.515N	P=0.496	P=0.504
MAX-ISO-POLY-3	P=0.298	P=0.162N	P=0.292	P=0.300

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	1/86 (1%)	6/89 (7%)	6/86 (7%)	3/86 (3%)
POLY-3 RATE (b)	1/76.30	6/82.34	6/79.38	3/79.27
POLY-3 PERCENT (g)	1.3%	7.3%	7.6%	3.8%
TERMINAL (d)	1/65 (2%)	6/71 (9%)	6/66 (9%)	3/68 (4%)
FIRST INCIDENCE	739 (T)	739 (T)	739 (T)	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.454	P=0.073	P=0.067	P=0.320
POLY 1.5	P=0.437	P=0.070	P=0.063	P=0.313
POLY 6	P=0.475	P=0.078	P=0.071	P=0.330
COCH-ARM / FISHERS	P=0.424	P=0.064	P=0.059	P=0.310
MAX-ISO-POLY-3	P=0.135	P=0.037*	P=0.032*	P=0.171

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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				
Ultimobranchial Cyst				
LESION RATES				
OVERALL (a)	0/86 (0%)	0/89 (0%)	2/86 (2%)	0/86 (0%)
POLY-3 RATE (b)	0/76.30	0/82.34	2/79.38	0/79.27
POLY-3 PERCENT (g)	0%	0%	2.5%	0%
TERMINAL (d)	0/65 (0%)	0/71 (0%)	2/66 (3%)	0/68 (0%)
FIRST INCIDENCE	---	---	739 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.606	(e)	P=0.247	(e)
POLY 1.5	P=0.598	(e)	P=0.242	(e)
POLY 6	P=0.615	(e)	P=0.253	(e)
COCH-ARM / FISHERS	P=0.593	(e)	P=0.249	(e)
MAX-ISO-POLY-3	P=0.267	(e)	P=0.086	(e)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS 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 Hyperplasia Focal				
LESION RATES				
OVERALL (a)	0/86 (0%)	4/89 (4%)	0/86 (0%)	0/86 (0%)
POLY-3 RATE (b)	0/76.30	4/82.41	0/79.38	0/79.27
POLY-3 PERCENT (g)	0%	4.9%	0%	0%
TERMINAL (d)	0/65 (0%)	2/71 (3%)	0/66 (0%)	0/68 (0%)
FIRST INCIDENCE	---	730	---	---
STATISTICAL TESTS				
POLY 3	P=0.230N	P=0.074	(e)	(e)
POLY 1.5	P=0.239N	P=0.071	(e)	(e)
POLY 6	P=0.219N	P=0.078	(e)	(e)
COCH-ARM / FISHERS	P=0.250N	P=0.065	(e)	(e)
MAX-ISO-POLY-3	P=0.129N	P=0.028*	(e)	(e)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Tooth Dysplasia				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Tooth Inflammation				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Urinary Bladder Angiectasis				
LESION RATES				
OVERALL (a)	0/86 (0%)	0/87 (0%)	0/86 (0%)	2/86 (2%)
POLY-3 RATE (b)	0/76.92	0/80.52	0/79.15	2/80.53
POLY-3 PERCENT (g)	0%	0%	0%	2.5%
TERMINAL (d)	0/67 (0%)	0/71 (0%)	0/65 (0%)	2/72 (3%)
FIRST INCIDENCE	---	---	---	739 (T)
STATISTICAL TESTS				
POLY 3	P=0.047*	(e)	(e)	P=0.249
POLY 1.5	P=0.046*	(e)	(e)	P=0.243
POLY 6	P=0.048*	(e)	(e)	P=0.256
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.249
MAX-ISO-POLY-3	P=0.041*	(e)	(e)	P=0.087

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Urinary Bladder Hemorrhage				
LESION RATES				
OVERALL (a)	0/86 (0%)	0/87 (0%)	0/86 (0%)	0/86 (0%)
POLY-3 RATE (b)	0/76.92	0/80.52	0/79.15	0/80.53
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/71 (0%)	0/65 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---
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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017
Time Report Requested: 11:33:39
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Urinary Bladder Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	62/86 (72%)	67/87 (77%)	65/86 (76%)	68/86 (79%)
POLY-3 RATE (b)	62/81.95	67/83.22	65/81.36	68/82.05
POLY-3 PERCENT (g)	75.7%	80.5%	79.9%	82.9%
TERMINAL (d)	53/67 (79%)	58/71 (82%)	57/65 (88%)	63/72 (88%)
FIRST INCIDENCE	448	537	600	561
STATISTICAL TESTS				
POLY 3	P=0.163	P=0.279	P=0.315	P=0.162
POLY 1.5	P=0.153	P=0.267	P=0.308	P=0.151
POLY 6	P=0.190	P=0.325	P=0.337	P=0.197
COCH-ARM / FISHERS	P=0.195	P=0.285	P=0.364	P=0.187
MAX-ISO-POLY-3	P=0.185	P=0.219	P=0.250	P=0.117

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg

Urinary Bladder: Transitional Epithelium
Hyperplasia Focal

LESION RATES

OVERALL (a)	0/86 (0%)	0/87 (0%)	0/86 (0%)	0/86 (0%)
POLY-3 RATE (b)	0/76.92	0/80.52	0/79.15	0/80.53
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/67 (0%)	0/71 (0%)	0/65 (0%)	0/72 (0%)
FIRST INCIDENCE	---	---	---	---

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)

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Uterus				
Angiectasis				
<hr/>				
LESION RATES				
OVERALL (a)	1/89 (1%)	6/90 (7%)	5/90 (6%)	3/89 (3%)
POLY-3 RATE (b)	1/78.90	6/83.34	5/83.21	3/82.52
POLY-3 PERCENT (g)	1.3%	7.2%	6%	3.6%
TERMINAL (d)	1/66 (2%)	6/72 (8%)	4/69 (6%)	2/71 (3%)
FIRST INCIDENCE	739 (T)	739 (T)	722	669
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.480	P=0.070	P=0.118	P=0.323
POLY 1.5	P=0.461	P=0.066	P=0.113	P=0.314
POLY 6	P=0.505	P=0.075	P=0.125	P=0.335
COCH-ARM / FISHERS	P=0.445	P=0.061	P=0.108	P=0.310
MAX-ISO-POLY-3	P=0.156	P=0.034*	P=0.059	P=0.173

Experiment Number: 20105 - 78
Test Type: CHRONIC
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Uterus Dilation				
LESION RATES				
OVERALL (a)	35/89 (39%)	29/90 (32%)	30/90 (33%)	26/89 (29%)
POLY-3 RATE (b)	35/82.02	29/84.32	30/84.53	26/84.37
POLY-3 PERCENT (g)	42.7%	34.4%	35.5%	30.8%
TERMINAL (d)	28/66 (42%)	25/72 (35%)	24/69 (35%)	21/71 (30%)
FIRST INCIDENCE	511	562	606	451
STATISTICAL TESTS				
POLY 3	P=0.088N	P=0.172N	P=0.213N	P=0.075N
POLY 1.5	P=0.102N	P=0.186N	P=0.235N	P=0.089N
POLY 6	P=0.074N	P=0.153N	P=0.188N	P=0.060N
COCH-ARM / FISHERS	P=0.115N	P=0.202N	P=0.249N	P=0.103N
MAX-ISO-POLY-3	P=0.089N	P=0.136N	P=0.173N	P=0.056N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Uterus: Endometrium Cyst				
LESION RATES				
OVERALL (a)	3/89 (3%)	0/90 (0%)	0/90 (0%)	1/89 (1%)
POLY-3 RATE (b)	3/80.71	0/83.34	0/83.15	1/83.04
POLY-3 PERCENT (g)	3.7%	0%	0%	1.2%
TERMINAL (d)	0/66 (0%)	0/72 (0%)	0/69 (0%)	0/71 (0%)
FIRST INCIDENCE	448	---	---	451
STATISTICAL TESTS				
POLY 3	P=0.250N	P=0.115N	P=0.116N	P=0.297N
POLY 1.5	P=0.249N	P=0.118N	P=0.118N	P=0.303N
POLY 6	P=0.253N	P=0.112N	P=0.113N	P=0.289N
COCH-ARM / FISHERS	P=0.248N	P=0.121N	P=0.121N	P=0.310N
MAX-ISO-POLY-3	P=0.042N*	P=0.039N*	P=0.039N*	P=0.152N

Experiment Number: 20105 - 78
 Test Type: CHRONIC
 Route: Whole Body Exposure
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 106 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Uterus: Endometrium Hyperplasia Cystic				
LESION RATES				
OVERALL (a)	68/89 (76%)	75/90 (83%)	72/90 (80%)	68/89 (76%)
POLY-3 RATE (b)	68/83.19	75/86.07	72/86.25	68/83.76
POLY-3 PERCENT (g)	81.7%	87.1%	83.5%	81.2%
TERMINAL (d)	59/66 (89%)	65/72 (90%)	60/69 (87%)	62/71 (87%)
FIRST INCIDENCE	493	562	600	534
STATISTICAL TESTS				
POLY 3	P=0.368N	P=0.209	P=0.460	P=0.545N
POLY 1.5	P=0.412N	P=0.173	P=0.373	P=0.572
POLY 6	P=0.311N	P=0.305	P=0.585N	P=0.473N
COCH-ARM / FISHERS	P=0.401N	P=0.166	P=0.344	P=0.570N
MAX-ISO-POLY-3	P=0.441N	P=0.153	P=0.377	P=0.459N

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 12/14/2017

Time Report Requested: 11:33:39

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.
 - (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 ***