

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: 08/28/2017
Time Report Requested: 17:23:20
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

Final 1 GSM Mice 14-Week Special Study

NTP Study Number: C20105
Lock Date: 04/07/2016
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25017 SSAC
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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

MALE MICE

Organ

Liver

FEMALE MICE

Organ

Kidney: Interstitium

Salivary Glands

Thymus

Morphology

Inflammation Focal

Morphology

Infiltration Cellular Lymphocyte

Infiltration Cellular Lymphocyte

Hemorrhage

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Brain Hemorrhage				
LESION RATES				
OVERALL (a)	1/10 (10%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	10%	0%	0%
INT SACRIFICE 1	1/10 (10%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (I)	93 (I)	---	---
STATISTICAL TESTS				
POLY 3	P=0.237N	P=0.760	P=0.500N	P=0.500N
POLY 1.5	P=0.237N	P=0.760	P=0.500N	P=0.500N
POLY 6	P=0.237N	P=0.760	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.231N	P=0.763N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.255N	P=1.000	P=0.159N	P=0.159N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
LAST REMOVAL AT 14 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)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Nephropathy Chronic Progressive				
LESION RATES				
OVERALL (a)	1/10 (10%)	2/10 (20%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	2/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	10%	20%	10%	0%
INT SACRIFICE 1	1/10 (10%)	2/10 (20%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (I)	93 (I)	93 (I)	---
STATISTICAL TESTS				
POLY 3	P=0.243N	P=0.500	P=0.760	P=0.500N
POLY 1.5	P=0.243N	P=0.500	P=0.760	P=0.500N
POLY 6	P=0.243N	P=0.500	P=0.760	P=0.500N
COCH-ARM / FISHERS	P=0.238N	P=0.500	P=0.763N	P=0.500N
MAX-ISO-POLY-3	P=0.221N	P=0.275	P=1.000	P=0.159N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
LAST REMOVAL AT 14 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)	2/10 (20%)	1/10 (10%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	1/10.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	20%	10%	10%	10%
INT SACRIFICE 1	2/10 (20%)	1/10 (10%)	1/10 (10%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (I)	93 (I)	93 (I)	93 (I)
STATISTICAL TESTS				
POLY 3	P=0.408N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.408N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.408N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.404N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.417N	P=0.275N	P=0.275N	P=0.275N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Inflammation Focal				
LESION RATES				
OVERALL (a)	0/10 (0%)	2/10 (20%)	4/10 (40%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	2/10.00	4/10.00	0/10.00
POLY-3 PERCENT (g)	0%	20%	40%	0%
INT SACRIFICE 1	0/10 (0%)	2/10 (20%)	4/10 (40%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	93 (l)	93 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.564N	P=0.227	P=0.033*	(e)
POLY 1.5	P=0.564N	P=0.227	P=0.033*	(e)
POLY 6	P=0.564N	P=0.227	P=0.033*	(e)
COCH-ARM / FISHERS	P=0.559N	P=0.237	P=0.043*	(e)
MAX-ISO-POLY-3	P=0.142	P=0.067	P=0.007**	(e)

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LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Liver Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung Congestion				
LESION RATES				
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	0%	10%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (I)	---	---	93 (I)
STATISTICAL TESTS				
POLY 3	P=0.594	P=0.500N	P=0.500N	P=0.760
POLY 1.5	P=0.594	P=0.500N	P=0.500N	P=0.760
POLY 6	P=0.594	P=0.500N	P=0.500N	P=0.760
COCH-ARM / FISHERS	P=0.597	P=0.500N	P=0.500N	P=0.763N
MAX-ISO-POLY-3	P=0.407	P=0.159N	P=0.159N	P=1.000

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 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung Hemorrhage				
LESION RATES				
OVERALL (a)	2/10 (20%)	3/10 (30%)	2/10 (20%)	2/10 (20%)
POLY-3 RATE (b)	2/10.00	3/10.00	2/10.00	2/10.00
POLY-3 PERCENT (g)	20%	30%	20%	20%
INT SACRIFICE 1	2/10 (20%)	3/10 (30%)	2/10 (20%)	2/10 (20%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (I)	93 (I)	93 (I)	93 (I)
STATISTICAL TESTS				
POLY 3	P=0.524N	P=0.500	P=0.702	P=0.702
POLY 1.5	P=0.524N	P=0.500	P=0.702	P=0.702
POLY 6	P=0.524N	P=0.500	P=0.702	P=0.702
COCH-ARM / FISHERS	P=0.526N	P=0.500	P=0.709N	P=0.709N
MAX-ISO-POLY-3	P=0.622N	P=0.311	P=1.000	P=1.000

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 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mandibular Hemorrhage				
LESION RATES				
OVERALL (a)	0/5 (0%)	0/7 (0%)	2/10 (20%)	0/8 (0%)
POLY-3 RATE (b)	0/5.00	0/7.00	2/10.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	20%	0%
INT SACRIFICE 1	0/5 (0%)	0/7 (0%)	2/10 (20%)	0/8 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.688	(e)	P=0.397	(e)
POLY 1.5	P=0.688	(e)	P=0.397	(e)
POLY 6	P=0.688	(e)	P=0.397	(e)
COCH-ARM / FISHERS	P=0.687	(e)	P=0.429	(e)
MAX-ISO-POLY-3	P=0.387	(e)	P=0.184	(e)

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 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	2/10 (20%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	2/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	20%	10%	0%
INT SACRIFICE 1	0/10 (0%)	2/10 (20%)	1/10 (10%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	93 (l)	93 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.460N	P=0.227	P=0.500	(e)
POLY 1.5	P=0.460N	P=0.227	P=0.500	(e)
POLY 6	P=0.460N	P=0.227	P=0.500	(e)
COCH-ARM / FISHERS	P=0.460N	P=0.237	P=0.500	(e)
MAX-ISO-POLY-3	P=0.320	P=0.067	P=0.159	(e)

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 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pancreas				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	93 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.567N	P=0.500	(e)	(e)
POLY 1.5	P=0.567N	P=0.500	(e)	(e)
POLY 6	P=0.567N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.568N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.388N	P=0.159	(e)	(e)

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LAST REMOVAL AT 14 WEEKS

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pancreas				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	93 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.567N	P=0.500	(e)	(e)
POLY 1.5	P=0.567N	P=0.500	(e)	(e)
POLY 6	P=0.567N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.568N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.388N	P=0.159	(e)	(e)

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 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Prostate				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	20%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	2/10 (20%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (I)	93 (I)
STATISTICAL TESTS				
POLY 3	P=0.239	(e)	P=0.227	P=0.500
POLY 1.5	P=0.239	(e)	P=0.227	P=0.500
POLY 6	P=0.239	(e)	P=0.227	P=0.500
COCH-ARM / FISHERS	P=0.239	(e)	P=0.237	P=0.500
MAX-ISO-POLY-3	P=0.160	(e)	P=0.067	P=0.159

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Salivary Glands				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Skin: Hair Follicle				
Inflammation Chronic				
<hr/>				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spinal Cord Cyst				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Glandular Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Thymus Hemorrhage				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
LAST REMOVAL AT 14 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)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
LAST REMOVAL AT 14 WEEKS**

DOSE	Males			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Urinary Bladder				
Infiltration Cellular Lymphocyte				
<hr/>				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Brain Hemorrhage				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 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)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	11.1%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	92 (I)
STATISTICAL TESTS				
POLY 3	P=0.183	(e)	(e)	P=0.479
POLY 1.5	P=0.183	(e)	(e)	P=0.479
POLY 6	P=0.183	(e)	(e)	P=0.479
COCH-ARM / FISHERS	P=0.181	(e)	(e)	P=0.474
MAX-ISO-POLY-3	P=0.109	(e)	(e)	P=0.151

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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Kidney				
Nephropathy Chronic Progressive				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	92 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.567N	P=0.500	(e)	(e)
POLY 1.5	P=0.567N	P=0.500	(e)	(e)
POLY 6	P=0.567N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.568N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.388N	P=0.159	(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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 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)	0/10 (0%)	0/10 (0%)	3/10 (30%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	3/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	30%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	3/10 (30%)	0/10 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	92 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.544	(e)	P=0.095	(e)
POLY 1.5	P=0.544	(e)	P=0.095	(e)
POLY 6	P=0.544	(e)	P=0.095	(e)
COCH-ARM / FISHERS	P=0.540	(e)	P=0.105	(e)
MAX-ISO-POLY-3	P=0.130	(e)	P=0.025*	(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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver				
Inflammation Focal				
LESION RATES				
OVERALL (a)	1/10 (10%)	2/10 (20%)	4/10 (40%)	3/9 (33%)
POLY-3 RATE (b)	1/10.00	2/10.00	4/10.00	3/9.00
POLY-3 PERCENT (g)	10%	20%	40%	33.3%
INT SACRIFICE 1	1/10 (10%)	2/10 (20%)	4/10 (40%)	3/9 (33%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (I)	92 (I)	92 (I)	92 (I)
STATISTICAL TESTS				
POLY 3	P=0.156	P=0.500	P=0.148	P=0.250
POLY 1.5	P=0.156	P=0.500	P=0.148	P=0.250
POLY 6	P=0.156	P=0.500	P=0.148	P=0.250
COCH-ARM / FISHERS	P=0.152	P=0.500	P=0.152	P=0.249
MAX-ISO-POLY-3	P=0.158	P=0.275	P=0.058	P=0.115

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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Liver Necrosis				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/9.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/9 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	92 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.584N	P=0.500	(e)	(e)
POLY 1.5	P=0.584N	P=0.500	(e)	(e)
POLY 6	P=0.584N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.585N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.410N	P=0.159	(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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
Lung Congestion				
<hr/>				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung Hemorrhage				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/9.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/9 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	92 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.584N	P=0.500	(e)	(e)
POLY 1.5	P=0.584N	P=0.500	(e)	(e)
POLY 6	P=0.584N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.585N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.410N	P=0.159	(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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lymph Node, Mandibular Hemorrhage				
LESION RATES				
OVERALL (a)	0/8 (0%)	0/10 (0%)	0/9 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/8.00	0/10.00	0/9.00	0/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/8 (0%)	0/10 (0%)	0/9 (0%)	0/8 (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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (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

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Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pancreas				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (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

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Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pancreas				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (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

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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)
 LAST REMOVAL AT 14 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)	0/10 (0%)	0/10 (0%)	3/10 (30%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	3/10.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	30%	0%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	3/10 (30%)	0/9 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	92 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.514	(e)	P=0.095	(e)
POLY 1.5	P=0.514	(e)	P=0.095	(e)
POLY 6	P=0.514	(e)	P=0.095	(e)
COCH-ARM / FISHERS	P=0.513	(e)	P=0.105	(e)
MAX-ISO-POLY-3	P=0.135	(e)	P=0.025*	(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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Skin: Hair Follicle Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	11.1%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	92 (I)
STATISTICAL TESTS				
POLY 3	P=0.183	(e)	(e)	P=0.479
POLY 1.5	P=0.183	(e)	(e)	P=0.479
POLY 6	P=0.183	(e)	(e)	P=0.479
COCH-ARM / FISHERS	P=0.181	(e)	(e)	P=0.474
MAX-ISO-POLY-3	P=0.109	(e)	(e)	P=0.151

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)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Spinal Cord Cyst				
LESION RATES				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	92 (I)
STATISTICAL TESTS				
POLY 3	P=0.199	(e)	(e)	P=0.500
POLY 1.5	P=0.199	(e)	(e)	P=0.500
POLY 6	P=0.199	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.196	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.124	(e)	(e)	P=0.159

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: 08/28/2017

Time Report Requested: 17:23:20

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

Lab: IIT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Stomach, Glandular Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/9.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
INT SACRIFICE 1	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/9 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	92 (l)	---	---
STATISTICAL TESTS				
POLY 3	P=0.584N	P=0.500	(e)	(e)
POLY 1.5	P=0.584N	P=0.500	(e)	(e)
POLY 6	P=0.584N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.585N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.410N	P=0.159	(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

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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)
 LAST REMOVAL AT 14 WEEKS**

DOSE	Females			
	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Thymus Hemorrhage				
LESION RATES				
OVERALL (a)	0/10 (0%)	2/10 (20%)	3/10 (30%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	2/10.00	3/10.00	0/9.00
POLY-3 PERCENT (g)	0%	20%	30%	0%
INT SACRIFICE 1	0/10 (0%)	2/10 (20%)	3/10 (30%)	0/9 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	92 (l)	92 (l)	---
STATISTICAL TESTS				
POLY 3	P=0.572N	P=0.227	P=0.095	(e)
POLY 1.5	P=0.572N	P=0.227	P=0.095	(e)
POLY 6	P=0.572N	P=0.227	P=0.095	(e)
COCH-ARM / FISHERS	P=0.570N	P=0.237	P=0.105	(e)
MAX-ISO-POLY-3	P=0.210	P=0.067	P=0.025*	(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

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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)
 LAST REMOVAL AT 14 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)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/9.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
INT SACRIFICE 1	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (I)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.317N	P=0.500N	P=0.500N	P=0.521N
POLY 1.5	P=0.317N	P=0.500N	P=0.500N	P=0.521N
POLY 6	P=0.317N	P=0.500N	P=0.500N	P=0.521N
COCH-ARM / FISHERS	P=0.315N	P=0.500N	P=0.500N	P=0.526N
MAX-ISO-POLY-3	P=0.147N	P=0.159N	P=0.159N	P=0.178N

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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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 LAST REMOVAL AT 14 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)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	11.1%
INT SACRIFICE 1	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	92 (I)
STATISTICAL TESTS				
POLY 3	P=0.183	(e)	(e)	P=0.479
POLY 1.5	P=0.183	(e)	(e)	P=0.479
POLY 6	P=0.183	(e)	(e)	P=0.479
COCH-ARM / FISHERS	P=0.181	(e)	(e)	P=0.474
MAX-ISO-POLY-3	P=0.109	(e)	(e)	P=0.151

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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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 ***