

Experiment Number: 20105 - 11
Test Type: 28-DAY
Route: Whole Body Exposure
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Cell Phone Radiation: GSM
CAS Number: CELLPRADGSM

Date Report Requested: 08/17/2017
Time Report Requested: 11:05:01
First Dose M/F: 09/06/10 / 09/06/10
Lab: IIT

Revised Final_Mice (GSM)

NTP Study Number: C20105
Lock Date: 11/06/2014
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25021 TSAC
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: 07/27/2016

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First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Focal		1	1	1	1	1	1	1	1	1	9 1.0
Necrosis		1									1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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Lab: IIT

B6C3F1 MICE MALE 0 W/kg	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	3	3	3	3	3	3	3	3	3
		9	9	9	9	9	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	1	0
		1	2	3	4	5	6	7	8	9	0				
* TOTALS															

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Accessory Adrenal Cortical Nodule					X				X						2
Fat, Accessory Adrenal Cortical Nodule					X										1
Adrenal Medulla	+	+	+	M	+	+	+	+	+	+	+	+	+	+	9
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Ectopic Thymus					X										1
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Duct, Exfoliated Germ Cell														1	1 1.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

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Lab: IIT

B6C3F1 MICE MALE 0 W/kg	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0									
		* TOTALS																		
Inflammation, Chronic Active								1											1	
																				2 1.0
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Bilateral, Germ Cell, Degeneration																			1	1 1.0
HEMATOPOIETIC SYSTEM																				
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
INTEGUMENTARY SYSTEM																				
Mammary Gland		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYSTEM																				
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

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B6C3F1 MICE MALE 0 W/kg	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	
		0	0	0	0	0	0	0	0	0	

* TOTALS

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	----

Nose	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	----

Trachea	+	+	+	+	+	+	+	+	+	+	10
---------	---	---	---	---	---	---	---	---	---	---	----

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
-----	---	---	---	---	---	---	---	---	---	---	----

Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
-----------------	---	---	---	---	---	---	---	---	---	---	----

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
-----------------	---	---	---	---	---	---	---	---	---	---	----

Infiltration Cellular, Lymphocyte				1		1					2	1.0
-----------------------------------	--	--	--	---	--	---	--	--	--	--	---	-----

Infiltration Cellular, Mixed Cell								1			1	1.0
-----------------------------------	--	--	--	--	--	--	--	---	--	--	---	-----

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
5 W/kg 1900MHz	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	6	6	7
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	
-------	---	---	---	---	---	---	---	---	---	---	--

10

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
5 W/kg 1900MHz	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	6	6	7
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

NERVOUS SYSTEM

Brain + + + + + + + + + +

10

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney + + + + + + + + + +

10

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
10 W/kg 1900MHz	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		2	2	2	2	2	2	2	2	3	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

Heart + + + + + + + + + +

10

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

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B6C3F1 MICE MALE 10 W/kg 1900MHz	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
		9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
		1	2	3	4	5	6	7	8	9	0								

*** TOTALS**

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																			10

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nephropathy, Chronic Progressive	1																		10
																			1 1.0

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
15 W/kg 1900MHz		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		8	8	8	8	8	8	8	8	9	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Focal	1	1	1	1	1	1	1	1	1	1	10 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell			1								1 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

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Lab: IIT

B6C3F1 MICE MALE 15 W/kg 1900MHz	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID	0	0	0	0	0	0	0	0	0	* TOTALS		
		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0			
Blood Vessel		+	+	+	+	+	+	+	+	+	+											10		
Heart		+	+	+	+	+	+	+	+	+	+											10		
ENDOCRINE SYSTEM																								
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+											10		
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+											10		
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+											10		
Parathyroid Gland Cyst		+	+	+	+	+	+	+	+	+	+			X								10	1	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+											10		
Thyroid Gland		+	+	+	+	+	+	+	+	+	+											10		
GENERAL BODY SYSTEM																								
NONE																								
GENITAL SYSTEM																								
Epididymis		+	+	+	+	+	+	+	+	+	+											10		
Preputial Gland Inflammation, Chronic Active		+	+	+	+	+	+	+	+	+	+			1			1	1				10	3	1.0
Prostate		+	+	+	+	+	+	+	+	+	+											10		

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20105 - 11

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/17/2017

Time Report Requested: 11:05:01

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
15 W/kg 1900MHz		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		8	8	8	8	8	8	8	8	9	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
Bilateral, Germ Cell, Degeneration						1					1 1.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	M	+	+	+	9
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	M	+	M	M	M	M	M	M	M	M	1
Skin	+	+	+	+	+	+	+	+	+	+	10

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	-----------

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	-----------

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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Route: Whole Body Exposure

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First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
15 W/kg 1900MHz	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		8	8	8	8	8	8	8	8	8	9
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic		1									1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Lymphocyte		1									1 1.0

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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1-4 .. Lesion qualified as:

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Experiment Number: 20105 - 11

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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Date Report Requested: 08/17/2017

Time Report Requested: 11:05:01

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE FEMALE 0 W/kg	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	4	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Focal	1	1	1	1	1	1	1	1	1	1	10 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular Glands, Cyst, Multiple	+	+	+	+	+	+	+	+	+	+	10 1

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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 1) Minimal 3) Moderate
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Experiment Number: 20105 - 11

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

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First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE FEMALE 0 W/kg	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	4	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

Blood Vessel + + + + + + + + + + 10

Heart + + + + + + + + + + 10

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + + 10

Adrenal Medulla + + + + + + + + + + 10

Islets, Pancreatic + + + + + + + + + + 10

Parathyroid Gland + + + + + + + + + + 10

Pituitary Gland + + + + + + + + + + 10

Thyroid Gland + + + + + + + + + + 10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland + + + + + + + + + + 10

Ovary + + + + + + + + + + 10

Oviduct + 1

Uterus + + + + + + + + + + 10

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

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Experiment Number: 20105 - 11

Test Type: 28-DAY

Route: Whole Body Exposure

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Time Report Requested: 11:05:01

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE FEMALE 0 W/kg	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	4	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	-----------

NERVOUS SYSTEM

Brain	M	+	+	+	+	+	+	+	+	+	9
-------	---	---	---	---	---	---	---	---	---	---	----------

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10

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Route: Whole Body Exposure

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Date Report Requested: 08/17/2017

Time Report Requested: 11:05:01

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	3
		9	9	9	9	9	0	0	0	0	0
0 W/kg	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	4
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

Trachea	+	+	+	+	+	+	+	+	+	+	10
---------	---	---	---	---	---	---	---	---	---	---	-----------

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
-----	---	---	---	---	---	---	---	---	---	---	-----------

Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic Active					1						1 1.0

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Lymphocyte			1	1		1					3 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
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Experiment Number: 20105 - 11

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/17/2017

Time Report Requested: 11:05:01

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE FEMALE	5 W/kg 1900MHz	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0
		1	2	3	4	5	6	7	8	9	9	9	9	9	9	9	9	9	9	9	0

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

10

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary																					1	
Necrosis																						1 3.0

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

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+ .. Tissue examined microscopically
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I .. Insufficient tissue
M .. Missing tissue
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Experiment Number: 20105 - 11

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

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Date Report Requested: 08/17/2017

Time Report Requested: 11:05:01

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
5 W/kg 1900MHz	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	1
		9	9	9	9	9	9	9	9	9	0
		1	2	3	4	5	6	7	8	9	0
										* TOTALS	

NONE

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---

10

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+
--------	---	---	---	---	---	---	---	---	---	---

10

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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Experiment Number: 20105 - 11

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: CELLPRADGSM

Date Report Requested: 08/17/2017

Time Report Requested: 11:05:01

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
10 W/kg 1900MHz	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	5	6
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	
-------	---	---	---	---	---	---	---	---	---	---	--

10

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
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BLANK .. Not examined microscopically

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Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/17/2017

Time Report Requested: 11:05:01

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE FEMALE 10 W/kg 1900MHz	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	6	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

NERVOUS SYSTEM

Brain + + + + + + + + + +

10

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney + + + + + + + + + +

10

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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Date Report Requested: 08/17/2017

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First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
15 W/kg 1900MHz	ANIMAL ID	2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Focal	1	1	1	1	1	1	1	1	1	1	10 1.0
Mesentery										+	1
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular Glands, Cyst	+	+	+	+	+	+	+	+	+	+	10
						X					1

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1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 20105 - 11

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/17/2017

Time Report Requested: 11:05:01

First Dose M/F: 09/06/10 / 09/06/10

Lab: IIT

B6C3F1 MICE FEMALE 15 W/kg 1900MHz	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	
		0	0	0	0	0	0	0	0	0	
* TOTALS											

CARDIOVASCULAR SYSTEM

Blood Vessel	+	M	+	+	+	+	+	+	+	+	9
Heart	+	+	+	+	+	+	+	+	+	+	10

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Fat, Accessory Adrenal Cortical Nodule										X	1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Ectopic Thymus	X										1
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10

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		0	0	0	0	0	0	0	0	0	0				
		2	2	2	2	2	3	3	3	3	3				
		9	9	9	9	9	0	0	0	0	0				
		0	0	0	0	0	0	0	0	0	0				
		0	0	0	0	0	0	0	0	0	0				
		2	2	2	2	2	2	2	2	2	2				
		1	1	1	1	1	1	1	1	1	2				
		1	2	3	4	5	6	7	8	9	0				
														* TOTALS	
Uterus		+	+	+	+	+	+	+	+	+	+				10
HEMATOPOIETIC SYSTEM															
Bone Marrow		+	+	+	+	+	+	+	+	+	+				10
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+				10
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+				10
Spleen		+	+	+	+	+	+	+	+	+	+				10
Thymus		+	+	+	+	+	+	+	+	+	+				10
INTEGUMENTARY SYSTEM															
Mammary Gland		+	+	+	+	+	+	+	+	+	+				10
Skin		+	+	+	+	+	+	+	+	+	+				10
MUSCULOSKELETAL SYSTEM															
Bone		+	+	+	+	+	+	+	+	+	+				10
NERVOUS SYSTEM															
Brain		+	+	+	+	+	+	+	+	+	+				10
RESPIRATORY SYSTEM															
Lung		+	M	+	+	+	+	+	+	+	+				9

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	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	3	3	3	3	
		9	9	9	9	9	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	
											* TOTALS
Nose		+	+	+	+	+	+	+	+	+	10
Trachea		+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
Eye		+	+	+	+	+	+	+	+	+	10
Harderian Gland		+	+	+	+	+	+	+	+	+	10
URINARY SYSTEM											
Kidney		+	+	+	+	+	+	+	+	+	10
Urinary Bladder		+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Lymphocyte			1	1			1		1		4 1.0

*** END OF REPORT ***

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