

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

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

Cell Phone Radiation: CDMA
CAS Number: CELLPRADCDMA

Date Report Requested: 08/29/2017
Time Report Requested: 11:08:03
First Dose M/F: 06/18/12 / 06/18/12
Lab: IIT

Final 1 CDMA Mice 14-Week Special Study

NTP Study Number: C20105B
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: 3.0.2.4_cartox
PWG Approval Date: NONE

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B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
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Disposition Summary

Animals Initially In Study	105	106	105	105
Scheduled Sacrifice	15	15	15	15
Early Deaths				
Survivors				
Animals Examined Microscopically	10	10	10	10

ALIMENTARY SYSTEM

Esophagus	(10)	(10)	(10)	(10)
Gallbladder	(8)	(9)	(9)	(7)
Intestine Large, Cecum	(10)	(10)	(10)	(10)
Intestine Large, Colon	(10)	(10)	(10)	(10)
Intestine Large, Rectum	(10)	(10)	(10)	(10)
Intestine Small, Duodenum	(10)	(10)	(10)	(10)
Intestine Small, Ileum	(10)	(10)	(10)	(10)
Intestine Small, Jejunum	(10)	(10)	(10)	(10)
Liver	(10)	(10)	(10)	(10)
Infiltration Cellular, Lymphocyte			1 (10%)	
Infiltration Cellular, Mixed Cell, Multifocal			2 (20%)	
Infiltration Cellular, Mixed Cell		1 (10%)		
Inflammation, Focal				1 (10%)
Pancreas	(10)	(10)	(10)	(10)
Salivary Glands	(10)	(10)	(10)	(10)
Infiltration Cellular, Lymphocyte		1 (10%)		
Stomach, Forestomach	(10)	(10)	(10)	(10)
Stomach, Glandular	(10)	(10)	(10)	(10)

CARDIOVASCULAR SYSTEM

Aorta	(10)	(10)	(10)	(10)
Blood Vessel	(1)	(0)	(0)	(1)
Heart	(10)	(10)	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

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B6C3F1 MICE MALE

0 W/kg

2.5 W/kg

5 W/kg

10 W/kg

ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)	(10)	(10)
Adrenal Medulla	(10)	(10)	(10)	(10)
Islets, Pancreatic	(10)	(10)	(10)	(10)
Parathyroid Gland	(2)	(3)	(2)	(5)
Pituitary Gland	(9)	(9)	(9)	(10)
Thyroid Gland	(10)	(9)	(10)	(10)
Infiltration Cellular, Lymphocyte				1 (10%)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Coagulating Gland	(0)	(0)	(0)	(1)
Epididymis	(10)	(10)	(10)	(10)
Preputial Gland	(10)	(9)	(10)	(10)
Prostate	(10)	(10)	(10)	(10)
Seminal Vesicle	(10)	(10)	(10)	(10)
Testis	(10)	(10)	(10)	(10)

HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(10)	(10)	(10)
Lymph Node, Mandibular	(5)	(8)	(9)	(10)
Hemorrhage			1 (11%)	2 (20%)
Lymph Node, Mesenteric	(10)	(10)	(9)	(10)
Spleen	(10)	(10)	(9)	(10)
Thymus	(10)	(10)	(10)	(10)

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B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
INTEGUMENTARY SYSTEM				
Mammary Gland	(1)	(0)	(0)	(0)
Skin	(10)	(10)	(10)	(10)
<hr/>				
MUSCULOSKELETAL SYSTEM				
Bone	(10)	(10)	(10)	(10)
Skeletal Muscle	(10)	(10)	(10)	(10)
<hr/>				
NERVOUS SYSTEM				
Brain	(10)	(10)	(10)	(10)
Hemorrhage	1 (10%)			
Brain Trigeminal Ganglion	(9)	(10)	(10)	(10)
Nerve Trigeminal	(8)	(8)	(10)	(8)
Peripheral Nerve, Sciatic	(10)	(10)	(10)	(10)
Spinal Cord	(10)	(10)	(10)	(10)
<hr/>				
RESPIRATORY SYSTEM				
Lung	(10)	(10)	(10)	(10)
Congestion	1 (10%)			
Hemorrhage	2 (20%)			
Infiltration Cellular, Mixed Cell			1 (10%)	
Nose	(10)	(10)	(10)	(10)
Trachea	(10)	(10)	(10)	(10)
<hr/>				
SPECIAL SENSES SYSTEM				
Eye	(10)	(10)	(10)	(10)
Harderian Gland	(10)	(10)	(10)	(10)

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B6C3F1 MICE MALE

0 W/kg

2.5 W/kg

5 W/kg

10 W/kg

URINARY SYSTEM

Kidney	(10)	(10)	(10)	(10)
Nephropathy, Chronic Progressive	1 (10%)		1 (10%)	1 (10%)
Interstitial, Infiltration Cellular, Lymphocyte	2 (20%)	2 (20%)	3 (30%)	1 (10%)
Urinary Bladder	(10)	(10)	(10)	(10)

*** END OF MALE ***

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B6C3F1 MICE FEMALE

0 W/kg

2.5 W/kg

5 W/kg

10 W/kg

Disposition Summary

Animals Initially In Study	105	104	105	105
Scheduled Sacrifice	15	15	15	15
Early Deaths				
Survivors				
Animals Examined Microscopically	10	10	10	10

ALIMENTARY SYSTEM

Esophagus	(10)	(10)	(10)	(10)
Gallbladder	(9)	(10)	(10)	(10)
Intestine Large, Cecum	(10)	(10)	(10)	(10)
Intestine Large, Colon	(10)	(10)	(10)	(10)
Intestine Large, Rectum	(10)	(10)	(10)	(10)
Intestine Small, Duodenum	(10)	(10)	(10)	(10)
Intestine Small, Ileum	(10)	(10)	(10)	(10)
Intestine Small, Jejunum	(10)	(10)	(10)	(10)
Liver	(10)	(10)	(10)	(10)
Inflammation, Focal	1 (10%)		3 (30%)	2 (20%)
Necrosis, Focal			1 (10%)	
Pancreas	(10)	(10)	(10)	(10)
Salivary Glands	(10)	(9)	(10)	(10)
Stomach, Forestomach	(10)	(10)	(10)	(10)
Stomach, Glandular	(10)	(10)	(10)	(10)

CARDIOVASCULAR SYSTEM

Aorta	(10)	(10)	(10)	(10)
Heart	(10)	(10)	(10)	(10)

ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)	(10)	(10)
Adrenal Medulla	(10)	(10)	(10)	(10)

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Islets, Pancreatic	(10)	(10)	(10)	(10)
Parathyroid Gland	(7)	(3)	(5)	(3)
Pituitary Gland	(9)	(10)	(10)	(10)
Thyroid Gland	(10)	(10)	(10)	(10)
Infiltration Cellular, Lymphocyte	1 (10%)			

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(6)	(7)	(5)	(6)
Ovary	(10)	(10)	(10)	(10)
Uterus	(10)	(10)	(10)	(10)

HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(10)	(10)	(10)
Lymph Node, Mandibular	(8)	(8)	(9)	(10)
Hemorrhage			1 (11%)	
Lymph Node, Mesenteric	(10)	(10)	(10)	(9)
Spleen	(10)	(10)	(10)	(10)
Thymus	(10)	(10)	(10)	(10)
Hemorrhage			1 (10%)	2 (20%)

INTEGUMENTARY SYSTEM

Mammary Gland	(10)	(10)	(10)	(10)
Skin	(10)	(10)	(10)	(10)

MUSCULOSKELETAL SYSTEM

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Bone	(10)	(10)	(10)	(10)
Skeletal Muscle	(10)	(10)	(10)	(10)
<hr/>				
NERVOUS SYSTEM				
Brain	(10)	(10)	(10)	(10)
Brain Trigeminal Ganglion	(10)	(7)	(9)	(9)
Nerve Trigeminal	(9)	(7)	(9)	(9)
Peripheral Nerve	(1)	(0)	(0)	(0)
Peripheral Nerve, Sciatic	(10)	(10)	(10)	(10)
Spinal Cord	(10)	(10)	(10)	(10)
Cyst, Squamous		1 (10%)		
<hr/>				
RESPIRATORY SYSTEM				
Larynx	(0)	(0)	(1)	(0)
Lung	(10)	(10)	(10)	(10)
Hemorrhage			1 (10%)	
Nose	(10)	(10)	(10)	(10)
Trachea	(10)	(10)	(10)	(10)
<hr/>				
SPECIAL SENSES SYSTEM				
Eye	(10)	(10)	(10)	(10)
Retina, Dysplasia		1 (10%)		
Harderian Gland	(10)	(10)	(10)	(10)
<hr/>				
URINARY SYSTEM				
Kidney	(10)	(10)	(10)	(10)
Nephropathy, Chronic Progressive		1 (10%)		
Interstitial, Infiltration Cellular, Lymphocyte		1 (10%)	1 (10%)	5 (50%)
Urinary Bladder	(10)	(10)	(10)	(10)

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B6C3F1 MICE FEMALE

0 W/kg

2.5 W/kg

5 W/kg

10 W/kg

Infiltration Cellular, Lymphocyte

1 (10%)

2 (20%)

*** END OF REPORT ***

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