

Experiment Number: 20105 - 78

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Date Report Requested: 10/20/2017

Test Type: CHRONIC

Cell Phone Radiation: GSM

Time Report Requested: 13:43:11

Route: Whole Body Exposure

CAS Number: CELLPRADGSM

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

Species/Strain: MICE/B6C3F1

Lab: IIT

Final 1 Revision 1 - 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: 3.0.2.3_002

PWG Approval Date: NONE

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Species/Strain: MICE/B6C3F1

Lab: IIT

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	105	105	105
Early Deaths				
Accidentally Killed		1		
Moribund Sacrifice	8	6	2	6
Natural Death	16	19	8	12
Survivors				
Natural Death			1	4
Terminal Sacrifice	66	63	79	68
Missing		1		
Animals Examined Microscopically	90	89	90	90

ALIMENTARY SYSTEM

Esophagus	(88)	(87)	(88)	(90)
Gallbladder	(73)	(66)	(74)	(79)
Intestine Large, Cecum	(81)	(77)	(84)	(78)
Leiomyoma			1 (1%)	
Intestine Large, Colon	(84)	(83)	(85)	(84)
Intestine Large, Rectum	(84)	(85)	(86)	(84)
Intestine Small, Duodenum	(77)	(77)	(83)	(79)
Adenocarcinoma	1 (1%)	1 (1%)		
Adenoma			1 (1%)	
Intestine Small, Ileum	(81)	(79)	(85)	(80)
Intestine Small, Jejunum	(79)	(79)	(82)	(79)
Adenocarcinoma	2 (3%)			1 (1%)
Hepatocellular Carcinoma, Metastatic, Liver	1 (1%)			
Hepatocholangiocarcinoma, Metastatic, Liver		1 (1%)		
Liver	(90)	(89)	(90)	(90)
Adenocarcinoma, Metastatic, Harderian Gland		1 (1%)		
Carcinoma, Metastatic, Islets, Pancreatic				1 (1%)
Hemangioma			1 (1%)	
Hemangiosarcoma	1 (1%)	3 (3%)	2 (2%)	2 (2%)
Hepatoblastoma	6 (7%)	3 (3%)	8 (9%)	1 (1%)
Hepatoblastoma, Multiple			1 (1%)	

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

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Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Hepatocellular Adenoma	25 (28%)	28 (31%)	20 (22%)	26 (29%)
Hepatocellular Adenoma, Multiple	27 (30%)	33 (37%)	46 (51%)	29 (32%)
Hepatocellular Carcinoma	26 (29%)	23 (26%)	28 (31%)	19 (21%)
Hepatocellular Carcinoma, Multiple	2 (2%)	2 (2%)	2 (2%)	3 (3%)
Hepatocholangiocarcinoma	1 (1%)	4 (4%)		
Malignant Fibrous Histiocytoma, Metastatic, Skin	1 (1%)			
Mesentery	(12)	(14)	(13)	(17)
Hemangiosarcoma	1 (8%)		1 (8%)	
Hepatocholangiocarcinoma, Metastatic, Liver		1 (7%)		
Malignant Fibrous Histiocytoma, Metastatic, Skin	1 (8%)			
Fat, Hepatocholangiocarcinoma, Metastatic, Liver	1 (8%)	1 (7%)		
Fat, Lipoma	1 (8%)			
Pancreas	(87)	(88)	(88)	(86)
Hepatocholangiocarcinoma, Metastatic, Liver	1 (1%)	2 (2%)		
Salivary Glands	(90)	(89)	(89)	(89)
Stomach, Forestomach	(88)	(87)	(89)	(87)
Squamous Cell Papilloma		1 (1%)	2 (2%)	
Stomach, Glandular	(87)	(86)	(88)	(85)
Malignant Fibrous Histiocytoma, Metastatic, Skin	1 (1%)			
Tooth	(27)	(26)	(16)	(20)

CARDIOVASCULAR SYSTEM

Aorta	(89)	(89)	(89)	(87)
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung	1 (1%)			
Hepatocholangiocarcinoma, Metastatic, Liver		1 (1%)		
Blood Vessel	(1)	(0)	(0)	(0)
Heart	(90)	(89)	(90)	(90)
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung	1 (1%)	1 (1%)		2 (2%)
Hemangiosarcoma		1 (1%)		1 (1%)
Hepatocholangiocarcinoma, Metastatic, Liver	1 (1%)	2 (2%)		

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Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
ENDOCRINE SYSTEM				
Adrenal Cortex	(90)	(89)	(89)	(88)
Bilateral, Malignant Fibrous Histiocytoma, Metastatic, Skin	1 (1%)			
Subcapsular, Adenoma		3 (3%)	3 (3%)	
Adrenal Medulla	(90)	(88)	(88)	(86)
Islets, Pancreatic	(88)	(88)	(90)	(89)
Adenoma				2 (2%)
Adenoma, Multiple		1 (1%)		
Carcinoma			1 (1%)	1 (1%)
Parathyroid Gland	(68)	(68)	(67)	(66)
Pituitary Gland	(86)	(85)	(87)	(85)
Thyroid Gland	(89)	(88)	(88)	(88)

GENERAL BODY SYSTEM

Peritoneum	(1)	(0)	(0)	(0)
Hepatocolangiocarcinoma, Metastatic, Liver	1 (100%)			
Tissue NOS	(0)	(0)	(0)	(1)

GENITAL SYSTEM

Coagulating Gland	(2)	(2)	(0)	(4)
Epididymis	(90)	(89)	(90)	(90)
Hemangioma		1 (1%)		
Hepatocolangiocarcinoma, Metastatic, Liver		1 (1%)		
Preputial Gland	(89)	(88)	(90)	(89)
Prostate	(90)	(87)	(90)	(87)
Seminal Vesicle	(90)	(88)	(90)	(90)
Fibroma	1 (1%)			
Malignant Fibrous Histiocytoma, Metastatic, Skin	1 (1%)			
Testis	(90)	(88)	(90)	(90)

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Lab: IIT

B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Hemangioma		1 (1%)		
Interstitial Cell, Adenoma	2 (2%)			

HEMATOPOIETIC SYSTEM

Bone Marrow	(90)	(88)	(90)	(90)
Hemangiosarcoma			1 (1%)	1 (1%)
Lymph Node	(6)	(8)	(7)	(9)
Sarcoma, Metastatic, Skin		1 (13%)		
Axillary, Hepatocholangiocarcinoma, Metastatic, Liver	1 (17%)			
Lymph Node, Mandibular	(72)	(61)	(63)	(60)
Lymph Node, Mesenteric	(85)	(82)	(88)	(83)
Hemangioma	1 (1%)			
Hepatocholangiocarcinoma, Metastatic, Liver		1 (1%)		
Malignant Fibrous Histiocytoma, Metastatic, Skin	1 (1%)			
Spleen	(87)	(88)	(89)	(88)
Hemangiosarcoma		4 (5%)	1 (1%)	1 (1%)
Thymus	(75)	(83)	(81)	(72)
Hepatocellular Carcinoma, Metastatic, Liver		1 (1%)		
Hepatocholangiocarcinoma, Metastatic, Liver		3 (4%)		
Thymoma Benign			1 (1%)	

INTEGUMENTARY SYSTEM

Mammary Gland	(2)	(5)	(2)	(8)
Skin	(90)	(89)	(90)	(90)
Keratoacanthoma			1 (1%)	
Pilomatrixoma	1 (1%)			
Sebaceous Gland, Adenoma			1 (1%)	
Subcutaneous Tissue, Fibrosarcoma				1 (1%)
Subcutaneous Tissue, Hemangioma				1 (1%)
Subcutaneous Tissue, Hemangiosarcoma	1 (1%)		2 (2%)	
Subcutaneous Tissue, Lipoma	1 (1%)			

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Subcutaneous Tissue, Liposarcoma		1 (1%)		
Subcutaneous Tissue, Malignant Fibrous Histiocytoma	1 (1%)		4 (4%)	3 (3%)
Subcutaneous Tissue, Malignant Fibrous Histiocytoma, Multiple			1 (1%)	
Subcutaneous Tissue, Sarcoma		1 (1%)		

MUSCULOSKELETAL SYSTEM

Bone	(90)	(88)	(90)	(90)
Hepatocarcinoma, Metastatic, Liver		1 (1%)		
Skeletal Muscle	(90)	(89)	(90)	(90)
Hepatocellular Carcinoma, Metastatic, Liver	1 (1%)		1 (1%)	
Hepatocarcinoma, Metastatic, Liver	1 (1%)	2 (2%)		
Malignant Fibrous Histiocytoma, Metastatic, Skin	1 (1%)			
Sarcoma	1 (1%)			

NERVOUS SYSTEM

Brain	(90)	(89)	(90)	(90)
Hepatocarcinoma, Metastatic, Liver	1 (1%)			
Brain Trigeminal Ganglion	(69)	(79)	(72)	(79)
Nerve Trigeminal	(67)	(53)	(66)	(63)
Peripheral Nerve, Sciatic	(89)	(89)	(90)	(89)
Spinal Cord	(90)	(89)	(90)	(90)

RESPIRATORY SYSTEM

Lung	(90)	(89)	(90)	(90)
Adenocarcinoma, Metastatic, Harderian Gland		1 (1%)		
Alveolar/Bronchiolar Adenoma	11 (12%)	13 (15%)	16 (18%)	15 (17%)
Alveolar/Bronchiolar Adenoma, Multiple	2 (2%)		2 (2%)	1 (1%)
Alveolar/Bronchiolar Carcinoma	11 (12%)	12 (13%)	15 (17%)	17 (19%)
Alveolar/Bronchiolar Carcinoma, Multiple	2 (2%)		1 (1%)	1 (1%)

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B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Carcinoma, Metastatic, Islets, Pancreatic				1 (1%)
Hepatoblastoma, Metastatic, Liver	1 (1%)	1 (1%)		1 (1%)
Hepatocellular Carcinoma, Metastatic, Liver	11 (12%)	8 (9%)	6 (7%)	5 (6%)
Hepatocholangiocarcinoma, Metastatic, Liver	1 (1%)	3 (3%)		
Sarcoma, Metastatic, Skin		1 (1%)		
Mediastinum	(0)	(0)	(2)	(1)
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung				1 (100%)
Hibernoma			2 (100%)	
Nose	(90)	(89)	(90)	(89)
Trachea	(90)	(89)	(89)	(90)

SPECIAL SENSES SYSTEM

Eye	(90)	(89)	(90)	(90)
Adenocarcinoma, Metastatic, Harderian Gland		1 (1%)		
Harderian Gland	(88)	(89)	(90)	(90)
Adenocarcinoma	3 (3%)	2 (2%)	1 (1%)	
Adenoma	6 (7%)	7 (8%)	11 (12%)	5 (6%)

URINARY SYSTEM

Kidney	(90)	(89)	(90)	(89)
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung				1 (1%)
Hepatocellular Carcinoma, Metastatic, Liver	1 (1%)			
Hepatocholangiocarcinoma, Metastatic, Liver	1 (1%)	2 (2%)		
Malignant Fibrous Histiocytoma, Metastatic, Skin	1 (1%)			
Renal Tubule, Adenoma		1 (1%)	1 (1%)	
Urinary Bladder	(87)	(88)	(90)	(89)
Hemangioma		2 (2%)		
Urothelium, Papilloma				2 (2%)

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* Number of animals with any tissue examined microscopically

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P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

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Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<hr/>				
SYSTEMIC LESIONS				
Multiple Organ	*(90)	*(89)	*(90)	*(90)
Histiocytic Sarcoma			1 (1%)	2 (2%)
Leukemia Granulocytic				1 (1%)
Lymphoma Malignant	6 (7%)	4 (4%)	3 (3%)	4 (4%)
Mast Cell Tumor	1 (1%)			

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B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
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Tumor Summary for Males

Total Animals with Primary Neoplasms (b)	79	82	82	77
Total Primary Neoplasms	144	152	182	140
Total Animals with Benign Neoplasms	61	67	77	61
Total Benign Neoplasms	77	91	109	81
Total Animals with Malignant Neoplasms	49	47	53	45
Total Malignant Neoplasms	66	61	73	59
Total Animals with Metastatic Neoplasms	14	15	6	10
Total Metastatic Neoplasms	34	37	7	12
Total Animals with Malignant Neoplasms Uncertain Primary Site				
Total Animals with Neoplasms Uncertain- Benign or Malignant	1			
Total Uncertain Neoplasms	1			

*** END OF MALE ***

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b - Primary tumors: all tumors except metastatic tumors

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

Animals Initially In Study	105	105	105	105
Early Deaths				
Moribund Sacrifice	9	9	9	6
Natural Death	14	7	11	11
Survivors				
Natural Death	1	4	2	1
Terminal Sacrifice	66	70	68	72
Animals Examined Microscopically	90	90	90	90

ALIMENTARY SYSTEM

Esophagus	(87)	(90)	(87)	(90)
Gallbladder	(79)	(75)	(74)	(72)
Intestine Large, Cecum	(84)	(82)	(83)	(82)
Fibrosarcoma, Metastatic, Skin	1 (1%)			
Leiomyosarcoma				1 (1%)
Intestine Large, Colon	(84)	(84)	(86)	(85)
Intestine Large, Rectum	(88)	(86)	(88)	(86)
Fibrosarcoma, Metastatic, Skin	1 (1%)			
Osteosarcoma, Metastatic, Skin	1 (1%)			
Intestine Small, Duodenum	(82)	(83)	(84)	(81)
Fibrosarcoma, Metastatic, Skin	1 (1%)			
Intestine Small, Ileum	(83)	(82)	(82)	(80)
Intestine Small, Jejunum	(84)	(81)	(81)	(80)
Adenoma		1 (1%)		
Liver	(89)	(90)	(90)	(89)
Fibrosarcoma, Metastatic, Skin	1 (1%)			
Hemangiosarcoma		1 (1%)		1 (1%)
Hepatoblastoma	1 (1%)			
Hepatocellular Adenoma	14 (16%)	16 (18%)	11 (12%)	8 (9%)
Hepatocellular Adenoma, Multiple	5 (6%)	2 (2%)	2 (2%)	2 (2%)
Hepatocellular Carcinoma	6 (7%)	6 (7%)	5 (6%)	5 (6%)
Hepatocellular Carcinoma, Multiple	2 (2%)		1 (1%)	1 (1%)
Hepatocholangiocarcinoma			1 (1%)	

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B6C3F1 MICE FEMALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Osteosarcoma, Metastatic, Bone	1 (1%)			
Osteosarcoma, Metastatic, Skin	1 (1%)			
Mesentery	(29)	(24)	(32)	(30)
Fibrosarcoma, Metastatic, Skin	1 (3%)			
Renal Mesenchymal Tumor, Metastatic, Kidney	1 (3%)			
Fat, Hemangioma	1 (3%)			
Fat, Lipoma		1 (4%)		1 (3%)
Oral Mucosa	(0)	(0)	(2)	(0)
Pancreas	(87)	(88)	(89)	(86)
Fibrosarcoma, Metastatic, Skin	1 (1%)			
Hemangioma				1 (1%)
Hepatocellular Carcinoma, Metastatic, Liver			1 (1%)	
Renal Mesenchymal Tumor, Metastatic, Kidney	1 (1%)			
Acinus, Carcinoma			1 (1%)	
Salivary Glands	(89)	(89)	(90)	(90)
Adenocarcinoma, Metastatic, Harderian Gland		1 (1%)		
Stomach, Forestomach	(86)	(89)	(90)	(85)
Fibrosarcoma, Metastatic, Skin	1 (1%)			
Squamous Cell Papilloma	1 (1%)			
Stomach, Glandular	(85)	(87)	(85)	(85)
Fibrosarcoma, Metastatic, Skin	1 (1%)			
Tongue	(0)	(0)	(1)	(0)
Tooth	(0)	(0)	(1)	(0)

CARDIOVASCULAR SYSTEM

Aorta	(84)	(88)	(90)	(89)
Blood Vessel	(0)	(0)	(2)	(0)
Heart	(90)	(90)	(90)	(90)
Adenocarcinoma, Metastatic, Harderian Gland		1 (1%)		
Hemangioma			1 (1%)	
Osteosarcoma, Metastatic, Skin	1 (1%)			

ENDOCRINE SYSTEM

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Lab: IIT

B6C3F1 MICE FEMALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Adrenal Cortex	(84)	(88)	(90)	(90)
Adenoma	1 (1%)			
Adrenal Medulla	(83)	(84)	(86)	(87)
Pheochromocytoma Benign			1 (1%)	
Pheochromocytoma Malignant	2 (2%)			
Islets, Pancreatic	(87)	(88)	(90)	(86)
Adenoma			1 (1%)	1 (1%)
Carcinoma	1 (1%)	1 (1%)		
Parathyroid Gland	(60)	(57)	(64)	(62)
Pituitary Gland	(80)	(80)	(84)	(84)
Pars Distalis, Adenoma	6 (8%)	5 (6%)	7 (8%)	5 (6%)
Pars Distalis, Carcinoma			2 (2%)	1 (1%)
Thyroid Gland	(86)	(89)	(86)	(86)
C-cell, Carcinoma	1 (1%)			
Follicular Cell, Carcinoma			1 (1%)	

GENERAL BODY SYSTEM

Peritoneum	(0)	(0)	(1)	(0)
Tissue NOS	(1)	(1)	(1)	(2)
Hemangiosarcoma				1 (50%)
Abdominal, Osteosarcoma, Metastatic, Skin	1 (100%)			

GENITAL SYSTEM

Clitoral Gland	(82)	(84)	(80)	(86)
Ovary	(75)	(86)	(82)	(80)
Cystadenoma	2 (3%)	2 (2%)	3 (4%)	6 (8%)
Granulosa Cell Tumor Benign	1 (1%)		1 (1%)	1 (1%)
Hemangioma	2 (3%)	2 (2%)		
Hemangiosarcoma		1 (1%)		
Luteoma		1 (1%)		
Teratoma Benign			2 (2%)	1 (1%)
Thecoma Malignant	1 (1%)			
Oviduct	(0)	(0)	(1)	(0)

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B6C3F1 MICE FEMALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Uterus	(89)	(90)	(90)	(89)
Adenocarcinoma				1 (1%)
Fibroma	1 (1%)			
Fibrosarcoma, Metastatic, Skin	1 (1%)			
Hemangiosarcoma			1 (1%)	
Leiomyoma	1 (1%)			
Polyp Stromal		3 (3%)	2 (2%)	2 (2%)
Vagina	(0)	(0)	(1)	(0)

HEMATOPOIETIC SYSTEM

Bone Marrow	(90)	(89)	(89)	(90)
Hemangiosarcoma			2 (2%)	1 (1%)
Lymph Node	(18)	(20)	(16)	(14)
Bronchial, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung	1 (6%)			
Bronchial, Fibrosarcoma, Metastatic, Skin	1 (6%)			
Lymph Node, Mandibular	(76)	(77)	(81)	(83)
Lymph Node, Mesenteric	(71)	(84)	(80)	(83)
Fibrosarcoma, Metastatic, Skin	1 (1%)			
Hemangiosarcoma				1 (1%)
Renal Mesenchymal Tumor, Metastatic, Kidney	1 (1%)			
Spleen	(86)	(87)	(89)	(87)
Hemangiosarcoma		2 (2%)	2 (2%)	
Thymus	(85)	(80)	(84)	(86)

INTEGUMENTARY SYSTEM

Mammary Gland	(85)	(88)	(88)	(84)
Adenocarcinoma			1 (1%)	1 (1%)
Skin	(90)	(90)	(90)	(90)
Sebaceous Gland, Adenoma		1 (1%)		
Subcutaneous Tissue, Fibroma	1 (1%)			
Subcutaneous Tissue, Fibrosarcoma	3 (3%)		3 (3%)	
Subcutaneous Tissue, Hemangiosarcoma	2 (2%)			

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Lab: IIT

B6C3F1 MICE FEMALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Subcutaneous Tissue, Lipoma	1 (1%)			
Subcutaneous Tissue, Malignant Fibrous Histiocytoma		1 (1%)	3 (3%)	
Subcutaneous Tissue, Osteosarcoma	1 (1%)			
Subcutaneous Tissue, Sarcoma	2 (2%)		1 (1%)	1 (1%)

MUSCULOSKELETAL SYSTEM

Bone	(90)	(90)	(89)	(90)
Hemangioma	1 (1%)			
Hemangiosarcoma		1 (1%)		
Osteosarcoma	1 (1%)			
Skeletal Muscle	(89)	(90)	(90)	(90)
Adenocarcinoma, Metastatic, Harderian Gland		1 (1%)		
Osteosarcoma	1 (1%)			1 (1%)
Rhabdomyosarcoma				1 (1%)
Sarcoma, Metastatic, Skin			1 (1%)	

NERVOUS SYSTEM

Brain	(87)	(90)	(90)	(90)
Carcinoma, Metastatic, Pituitary Gland			2 (2%)	1 (1%)
Meningioma Benign		1 (1%)		
Osteosarcoma, Metastatic, Skeletal Muscle	1 (1%)			
Brain Trigeminal Ganglion	(75)	(74)	(80)	(79)
Nerve Trigeminal	(56)	(58)	(53)	(35)
Carcinoma, Metastatic, Pituitary Gland				1 (3%)
Peripheral Nerve	(0)	(0)	(1)	(0)
Peripheral Nerve, Sciatic	(88)	(87)	(88)	(88)
Spinal Cord	(90)	(90)	(90)	(90)

RESPIRATORY SYSTEM

Larynx	(0)	(0)	(2)	(0)
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a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: CHRONIC

Cell Phone Radiation: GSM

Time Report Requested: 13:43:11

Route: Whole Body Exposure

CAS Number: CELLPRADGSM

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

Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE FEMALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Lung	(90)	(90)	(90)	(90)
Adenocarcinoma, Metastatic, Harderian Gland		1 (1%)		
Alveolar/Bronchiolar Adenoma	3 (3%)	5 (6%)	7 (8%)	1 (1%)
Alveolar/Bronchiolar Adenoma, Multiple		1 (1%)		
Alveolar/Bronchiolar Carcinoma	3 (3%)	1 (1%)		1 (1%)
Carcinoma, Metastatic, Pancreas			1 (1%)	
Carcinoma, Metastatic, Thyroid Gland	1 (1%)			
Fibrosarcoma, Metastatic, Skin	1 (1%)		2 (2%)	
Hepatocellular Carcinoma, Metastatic, Liver	2 (2%)		2 (2%)	1 (1%)
Hepatocholangiocarcinoma, Metastatic, Liver			1 (1%)	
Osteosarcoma, Metastatic, Bone	1 (1%)			
Osteosarcoma, Metastatic, Skeletal Muscle	1 (1%)			
Osteosarcoma, Metastatic, Skin	1 (1%)			
Sarcoma, Metastatic, Skin			1 (1%)	
Mediastinum	(2)	(0)	(0)	(0)
Hepatocellular Carcinoma, Metastatic, Liver	1 (50%)			
Nose	(89)	(90)	(90)	(90)
Adenocarcinoma, Metastatic, Harderian Gland		1 (1%)		
Pleura	(0)	(0)	(1)	(0)
Trachea	(90)	(89)	(90)	(90)

SPECIAL SENSES SYSTEM

Ear	(0)	(0)	(1)	(0)
Eye	(89)	(88)	(90)	(90)
Harderian Gland	(89)	(90)	(90)	(87)
Adenocarcinoma		1 (1%)	1 (1%)	
Adenoma	4 (4%)	7 (8%)	5 (6%)	6 (7%)
Lacrimal Gland	(0)	(1)	(2)	(0)
Zymbal's Gland	(0)	(0)	(1)	(0)

URINARY SYSTEM

Kidney	(89)	(87)	(89)	(88)
Renal Mesenchymal Tumor	1 (1%)			

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

Experiment Number: 20105 - 78

P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Date Report Requested: 10/20/2017

Test Type: CHRONIC

Cell Phone Radiation: GSM

Time Report Requested: 13:43:11

Route: Whole Body Exposure

CAS Number: CELLPRADGSM

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

Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE FEMALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Renal Tubule, Adenoma	2 (2%)			
Ureter	(0)	(0)	(1)	(0)
Urethra	(0)	(0)	(1)	(0)
Urinary Bladder	(86)	(87)	(86)	(86)

SYSTEMIC LESIONS

Multiple Organ	* (90)	* (90)	* (90)	* (90)
Histiocytic Sarcoma	8 (9%)	2 (2%)	8 (9%)	5 (6%)
Leukemia Erythrocytic		1 (1%)		
Lymphoma Malignant	2 (2%)	13 (14%)	9 (10%)	6 (7%)

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

* Number of animals with any tissue examined microscopically

Test Type: CHRONIC

Cell Phone Radiation: GSM

Time Report Requested: 13:43:11

Route: Whole Body Exposure

CAS Number: CELLPRADGSM

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

Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE FEMALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
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Tumor Summary for Females

Total Animals with Primary Neoplasms (b)	59	55	57	44
Total Primary Neoplasms	85	79	85	64
Total Animals with Benign Neoplasms	36	37	35	29
Total Benign Neoplasms	47	48	43	35
Total Animals with Malignant Neoplasms	33	27	35	24
Total Malignant Neoplasms	38	31	42	29
Total Animals with Metastatic Neoplasms	9	1	9	2
Total Metastatic Neoplasms	29	5	11	3
Total Animals with Malignant Neoplasms Uncertain Primary Site				
Total Animals with Neoplasms Uncertain- Benign or Malignant				
Total Uncertain Neoplasms				

*** END OF REPORT ***

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

b - Primary tumors: all tumors except metastatic tumors