

**Experiment Number:** 20105 - 78

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

**Date Report Requested:** 08/28/2017

**Test Type:** CHRONIC

Cell Phone Radiation: GSM

**Time Report Requested:** 17:23:20

**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 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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Species/Strain: MICE/B6C3F1

Lab: IIT

B6C3F1 MICE MALE

0 W/kg

2.5 W/kg

5 W/kg

10 W/kg

**Disposition Summary**

<b>Animals Initially In Study</b>	<b>105</b>	<b>105</b>	<b>105</b>	<b>105</b>
<b>Scheduled Sacrifice</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>
<b>Early Deaths</b>				
<b>Survivors</b>				
<b>Animals Examined Microscopically</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>

## ALIMENTARY SYSTEM

Esophagus	(10)	(10)	(10)	(10)
Gallbladder	(8)	(9)	(9)	(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)
Pancreas	(10)	(10)	(10)	(10)
Salivary Glands	(10)	(10)	(10)	(10)
Stomach, Forestomach	(10)	(10)	(10)	(10)
Stomach, Glandular	(10)	(10)	(10)	(10)

## CARDIOVASCULAR SYSTEM

Aorta	(10)	(10)	(10)	(10)
Blood Vessel	(1)	(1)	(2)	(0)
Heart	(10)	(10)	(10)	(10)

## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)	(10)	(10)
Adrenal Medulla	(10)	(10)	(10)	(10)
Islets, Pancreatic	(10)	(10)	(10)	(10)

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

Test Type: CHRONIC

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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
Parathyroid Gland	(2)	(6)	(4)	(5)
Pituitary Gland	(9)	(10)	(10)	(10)
Thyroid Gland	(10)	(10)	(10)	(10)

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Epididymis	(10)	(10)	(10)	(10)
Preputial Gland	(10)	(10)	(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)	(7)	(10)	(8)
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)
Spleen	(10)	(10)	(10)	(10)
Thymus	(10)	(10)	(10)	(10)

## INTEGUMENTARY SYSTEM

Mammary Gland	(1)	(0)	(0)	(0)
Skin	(10)	(10)	(10)	(10)

## MUSCULOSKELETAL SYSTEM

Bone	(10)	(10)	(10)	(10)
Skeletal Muscle	(10)	(10)	(10)	(10)

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

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Lab: IIT

B6C3F1 MICE MALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
<b>NERVOUS SYSTEM</b>				
Brain	(10)	(10)	(10)	(10)
Hamartoma, Lipomatous				1 (10%)
Brain Trigeminal Ganglion	(9)	(9)	(8)	(10)
Nerve Trigeminal	(8)	(10)	(10)	(10)
Peripheral Nerve, Sciatic	(10)	(10)	(10)	(10)
Spinal Cord	(10)	(10)	(10)	(10)
<b>RESPIRATORY SYSTEM</b>				
Lung	(10)	(10)	(10)	(10)
Nose	(10)	(10)	(10)	(10)
Trachea	(10)	(10)	(10)	(10)
<b>SPECIAL SENSES SYSTEM</b>				
Eye	(10)	(10)	(10)	(10)
Harderian Gland	(10)	(10)	(10)	(10)
<b>URINARY SYSTEM</b>				
Kidney	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(10)	(10)	(10)

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

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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

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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)

1

Total Primary Neoplasms

1

Total Animals with Benign Neoplasms

1

Total Benign Neoplasms

1

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

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\*\*\* END OF MALE \*\*\*

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

b - Primary tumors: all tumors except metastatic tumors

Test Type: CHRONIC

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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

**Disposition Summary**

<b>Animals Initially In Study</b>	<b>105</b>	<b>105</b>	<b>105</b>	<b>105</b>
<b>Scheduled Sacrifice</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>
<b>Early Deaths</b>				
<b>Survivors</b>				
<b>Animals Examined Microscopically</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>

## ALIMENTARY SYSTEM

Esophagus	(10)	(10)	(10)	(9)
Gallbladder	(9)	(10)	(9)	(9)
Intestine Large, Cecum	(10)	(10)	(10)	(9)
Intestine Large, Colon	(10)	(10)	(10)	(9)
Intestine Large, Rectum	(10)	(10)	(10)	(9)
Intestine Small, Duodenum	(10)	(10)	(10)	(9)
Intestine Small, Ileum	(10)	(10)	(10)	(9)
Intestine Small, Jejunum	(10)	(10)	(10)	(9)
Liver	(10)	(10)	(10)	(9)
Pancreas	(10)	(10)	(10)	(9)
Salivary Glands	(10)	(10)	(10)	(9)
Stomach, Forestomach	(10)	(10)	(10)	(9)
Stomach, Glandular	(10)	(10)	(10)	(9)

## CARDIOVASCULAR SYSTEM

Aorta	(10)	(10)	(10)	(9)
Heart	(10)	(10)	(10)	(10)

## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)	(10)	(9)
Adrenal Medulla	(10)	(10)	(10)	(9)
Islets, Pancreatic	(10)	(10)	(10)	(9)
Parathyroid Gland	(7)	(7)	(4)	(3)

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Lab: IIT

B6C3F1 MICE FEMALE	0 W/kg	2.5 W/kg	5 W/kg	10 W/kg
Pituitary Gland	(9)	(10)	(10)	(9)
Thyroid Gland	(10)	(10)	(10)	(9)

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Clitoral Gland	(6)	(6)	(6)	(5)
Ovary	(10)	(10)	(10)	(9)
Uterus	(10)	(10)	(10)	(9)

## HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(10)	(10)	(9)
Lymph Node, Mandibular	(8)	(10)	(9)	(8)
Lymph Node, Mesenteric	(10)	(10)	(10)	(9)
Spleen	(10)	(10)	(10)	(8)
Thymus	(10)	(10)	(10)	(9)

## INTEGUMENTARY SYSTEM

Mammary Gland	(10)	(10)	(10)	(9)
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## MUSCULOSKELETAL SYSTEM

Bone	(10)	(10)	(10)	(9)
Skeletal Muscle	(10)	(10)	(10)	(9)

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<b>NERVOUS SYSTEM</b>				
Brain	(10)	(10)	(10)	(10)
Brain Trigeminal Ganglion	(10)	(8)	(10)	(9)
Nerve Trigeminal	(9)	(9)	(10)	(9)
Peripheral Nerve	(1)	(0)	(0)	(0)
Peripheral Nerve, Sciatic	(10)	(10)	(10)	(8)
Spinal Cord	(10)	(10)	(10)	(10)
<b>RESPIRATORY SYSTEM</b>				
Lung	(10)	(10)	(10)	(9)
Nose	(10)	(10)	(10)	(9)
Trachea	(10)	(10)	(10)	(9)
<b>SPECIAL SENSES SYSTEM</b>				
Eye	(10)	(10)	(10)	(9)
Harderian Gland	(10)	(10)	(10)	(9)
<b>URINARY SYSTEM</b>				
Kidney	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(10)	(10)	(9)

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B6C3F1 MICE FEMALE

0 W/kg

2.5 W/kg

5 W/kg

10 W/kg

---

## Tumor Summary for Females

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

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