

**Experiment Number:** 20105 - 13

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

**Date Report Requested:** 08/15/2017

**Test Type:** 28-DAY

Cell Phone Radiation: GSM

**Time Report Requested:** 12:10:43

**Route:** Whole Body Exposure

**CAS Number:** CELLPRADGSM

**First Dose M/F:** 12/09/10 / 12/09/10

**Species/Strain:** RATS/HSD

**Lab:** IIT

Final1\_Rats (GSM)

**NTP Study Number:**

C20105

**Lock Date:**

11/06/2014

**Cage Range:**

ALL

**Date Range:**

ALL

**Reasons For Removal:**

25021 TSAC

25020 NATD

**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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CAS Number: CELLPRADGSM

First Dose M/F: 12/09/10 / 12/09/10

Species/Strain: RATS/HSD

Lab: IIT

Harlan Sprague Dawley RATS MALE

0W/kg(GSM)PreC

3W/kg(GSM)PreC

6W/kg(GSM)PreC

9W/kg(GSM)PreC

**Disposition Summary**

<b>Animals Initially In Study</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>
<b>Early Deaths</b>				
<b>Natural Death</b>			<b>1</b>	
<b>Survivors</b>				
<b>Terminal Sacrifice</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>Animals Examined Microscopically</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>

## ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(10)
Pancreas	(10)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(10)	(0)	(0)	(10)
Heart	(10)	(10)	(10)	(10)

## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(10)
Parathyroid Gland	(7)	(0)	(0)	(10)

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

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Lab: IIT

Harlan Sprague Dawley RATS MALE	0W/kg(GSM)PreC	3W/kg(GSM)PreC	6W/kg(GSM)PreC	9W/kg(GSM)PreC
Pituitary Gland	(10)	(0)	(0)	(9)
Thyroid Gland	(10)	(0)	(0)	(10)

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Epididymis	(10)	(0)	(0)	(10)
Preputial Gland	(10)	(10)	(10)	(10)
Prostate	(10)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(10)
Testes	(10)	(1)	(0)	(10)

## HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(10)

## INTEGUMENTARY SYSTEM

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

## MUSCULOSKELETAL SYSTEM

Bone	(10)	(0)	(0)	(10)
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a - Number of animals examined microscopically at site and number of animals with lesion

Experiment Number: 20105 - 13

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

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Harlan Sprague Dawley RATS MALE	0W/kg(GSM)PreC	3W/kg(GSM)PreC	6W/kg(GSM)PreC	9W/kg(GSM)PreC
<b>NERVOUS SYSTEM</b>				
Brain	(10)	(10)	(10)	(10)
<b>RESPIRATORY SYSTEM</b>				
Lung	(10)	(0)	(0)	(10)
Nose	(10)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>				
Eye	(10)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(10)
<b>URINARY SYSTEM</b>				
Kidney	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(0)	(0)	(10)

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Harlan Sprague Dawley RATS MALE

0W/kg(GSM)PreC

3W/kg(GSM)PreC

6W/kg(GSM)PreC

9W/kg(GSM)PreC

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## Tumor Summary for Males

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

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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

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Species/Strain: RATS/HSD

Lab: IIT

Harlan Sprague Dawley RATS FEMALE

0W/kg(GSM)PreC

3W/kg(GSM)PreC

6W/kg(GSM)PreC

9W/kg(GSM)PreC

**Disposition Summary**

<b>Animals Initially In Study</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>
<b>Early Deaths</b>				
<b>Survivors</b>				
<b>Terminal Sacrifice</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>Animals Examined Microscopically</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>

## ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)
Liver	(10)	(1)	(0)	(10)
Pancreas	(10)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(10)	(0)	(0)	(10)
Heart	(10)	(10)	(10)	(10)

## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(10)
Parathyroid Gland	(10)	(0)	(0)	(10)
Pituitary Gland	(10)	(0)	(0)	(10)

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Thyroid Gland	(10)	(0)	(0)	(10)

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Clitoral Gland	(10)	(10)	(9)	(10)
Ovary	(10)	(0)	(0)	(10)
Uterus	(10)	(0)	(0)	(10)

## HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(10)

## INTEGUMENTARY SYSTEM

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

## MUSCULOSKELETAL SYSTEM

Bone	(10)	(0)	(0)	(10)
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## NERVOUS SYSTEM

Brain	(10)	(10)	(10)	(10)
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0W/kg(GSM)PreC

3W/kg(GSM)PreC

6W/kg(GSM)PreC

9W/kg(GSM)PreC

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RESPIRATORY SYSTEM

Lung	(10)	(0)	(0)	(10)
Nose	(10)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(10)

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SPECIAL SENSES SYSTEM

Eye	(10)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(10)

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URINARY SYSTEM

Kidney	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(0)	(0)	(10)

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3W/kg(GSM)PreC

6W/kg(GSM)PreC

9W/kg(GSM)PreC

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## 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