

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

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
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

25020 NATD

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 201

TRT#: 1

SEX: Male

DAY ON TEST: 29

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-201--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|-------------|-----------------------|
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Rathkes Cleft | Dilation | Mild |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 202

TRT#: 1

SEX: Male

DAY ON TEST: 29

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-202--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|-------------------|---------------|----------------------|------------------|
| * Liver | | Inflammation | Focal, Minimal |
| * Lung | | Hemorrhage | Mild |
| | | Inflammation | Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Mild |
| * Preputial Gland | | Inflammation | Chronic, Minimal |
| * Thyroid Gland | | Ectopic Thymus | |
| | | Ultimobranchial Cyst | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 203

TRT#: 1

SEX: Male

DAY ON TEST: 29

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-203--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|--------------|----------------|
| * Liver | | Inflammation | Focal, Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Mild |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 204

TRT#: 1

SEX: Male

DAY ON TEST: 29

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-204-

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|----------------------|----------------|
| * Liver | | Inflammation | Focal, Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Thyroid Gland | | Ultimobranchial Cyst | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 205

TRT#: 1

SEX: Male

DAY ON TEST: 29

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-205--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|-----------------------------------|------------------|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| * Liver | | Inflammation | Focal, Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Minimal |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 206

TRT#: 1

SEX: Male

DAY ON TEST: 30

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-206--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Liver |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Pancreas | * Parathyroid Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|-------------------|----------------|--------------|------------------|
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Minimal |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 207

TRT#: 1

SEX: Male

DAY ON TEST: 30

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-207--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver | * Lymph Node, Mesenteric |
| * Mammary Gland | * Pancreas | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|--|------------------------|---------------------------|---------------------|
| * Kidney | Renal Tubule
Pelvis | Casts Protein
Dilation | Minimal
Mild |
| Note: Gross lesion of "right kidney dilated" found at trim
[Dilation TGLs = [Dilation TGLS=1-11]] | | | |
| * Lung | Perivascular | Infiltration Cellular | Eosinophil, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Moderate |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 208

TRT#: 1

SEX: Male

DAY ON TEST: 30

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-208--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|---------------------------------------|---------------|------------------------------|-----------------------|
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Liver | | Extramedullary Hematopoiesis | Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| * Parathyroid GI | | | |
| Note: No parathyroid gland in section | | | |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Minimal |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 209

TRT#: 1

SEX: Male

DAY ON TEST: 30

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-209--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|---------------------------------------|---------------|-------------|-----------------------|
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Parathyroid GI | | | |
| Note: No parathyroid gland in section | | | |
| * Pituitary Gland | Rathkes Cleft | Dilation | Moderate |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 210

TRT#: 1

SEX: Male

DAY ON TEST: 30

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-210--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|---------|------------------------|----------------|---------|
| * Heart | | Cardiomyopathy | Minimal |
| * Nose | Glands, Respirat Epith | Cyst | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 261

TRT#: 3

SEX: Male

DAY ON TEST: 29

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

Preputial Gland

OBSERVATIONS

Testes

Germinal Epith, Left

Degeneration

Mild

[Degeneration TGLs = TGL=1-1]

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 262

TRT#: 3

SEX: Male

DAY ON TEST: 29

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

OBSERVATIONS

Kidney

Nephropathy

Chronicprogr, Minimal

Preputial Gland

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 263

TRT#: 3

SEX: Male

DAY ON TEST: 29

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

Preputial Gland

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 264

TRT#: 3

SEX: Male

DAY ON TEST: 29

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Preputial Gland

OBSERVATIONS

Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 265

TRT#: 3

SEX: Male

DAY ON TEST: 29

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Preputial Gland

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 266

TRT#: 3

SEX: Male

DAY ON TEST: 30

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

Preputial Gland

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 267

TRT#: 3

SEX: Male

DAY ON TEST: 30

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Preputial Gland

OBSERVATIONS

Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 268

TRT#: 3

SEX: Male

DAY ON TEST: 30

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Preputial Gland

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 269

TRT#: 3

SEX: Male

DAY ON TEST: 30

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

OBSERVATIONS

Kidney

Renal Tubule

Casts Protein

Minimal

Preputial Gland

Inflammation

Chronic, Mild

Note: Preputial gland is present on slide 14

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 270

TRT#: 3

SEX: Male

DAY ON TEST: 30

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

OBSERVATIONS

Kidney

Renal Tubule

Casts Protein

Minimal

Nephropathy

Chronicprogr, Minimal

Preputial Gland

Bilateral

Inflammation

Chronic, Mild

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 321

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Preputial Gland

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 322

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

OBSERVATIONS

Kidney

Pelvis

Dilation

Moderate

Preputial Gland

Bilateral

Inflammation

Chronic, Mild

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 323

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Preputial Gland

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 324

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

Preputial Gland

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 325

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

Preputial Gland

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 326

TRT#: 5

SEX: Male

DAY ON TEST: 30

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Preputial Gland

OBSERVATIONS

Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 327

TRT#: 5

SEX: Male

DAY ON TEST: 30

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Kidney

Preputial Gland

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 328

TRT#: 5

SEX: Male

DAY ON TEST: 30

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

Preputial Gland

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 329

TRT#: 5

SEX: Male

DAY ON TEST: 30

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Preputial Gland

OBSERVATIONS

Kidney

Interstitial

Infiltration Cellular

Minimal

Preputial GI

Note: Preputial gland was present on slide 14

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 330

TRT#: 5

SEX: Male

DAY ON TEST: 30

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

OBSERVATIONS

Kidney

Interstitial

Infiltration Cellular

Minimal

Preputial Gland

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 344

TRT#: 5

SEX: Male

DAY ON TEST: 23

DOSE: 6W/kg(GSM)PreC

DISP: Natural Death

HISTO: 10-5217-344

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 381

TRT#: 7

SEX: Male

DAY ON TEST: 29

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-381--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Liver |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thymus | * Trachea | * Urinary Bladder | |

INSUFFICIENT TISSUE

- * Pituitary Gland

OBSERVATIONS

- * Thyroid Gland
- Ectopic Thymus

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 382

TRT#: 7

SEX: Male

DAY ON TEST: 29

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-382--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 383

TRT#: 7

SEX: Male

DAY ON TEST: 29

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-383--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|------------------------------|-----------------------|
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Liver | | Extramedullary Hematopoiesis | Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Mild |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 384

TRT#: 7

SEX: Male

DAY ON TEST: 29

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-384--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Liver |
| * Lymph Node, Mandibular | * Mammary Gland | * Pancreas | * Parathyroid Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|--------------------------|----------------|-----------------------|---------------------|
| * Lung | | Hemorrhage | Minimal |
| | Alveolus | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mesenteric | | Hemorrhage | Mild |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Mild |
| * Preputial Gland | | Inflammation | Chronic, Minimal |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 385

TRT#: 7

SEX: Male

DAY ON TEST: 29

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-385--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|------------------------------|-----------------------|
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Liver | | Extramedullary Hematopoiesis | Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Mild |
| * Preputial Gland | | Inflammation | Chronic, Minimal |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 386

TRT#: 7

SEX: Male

DAY ON TEST: 30

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-386--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Liver | * Lung | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|--------------------------|---------------|-----------------------------------|-----------------------|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Mild |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 387

TRT#: 7

SEX: Male

DAY ON TEST: 30

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-387--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|-----------------------|-------------------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Liver | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 388

TRT#: 7

SEX: Male

DAY ON TEST: 30

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-388--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 389

TRT#: 7

SEX: Male

DAY ON TEST: 30

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-389--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Liver |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |
-

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 390

TRT#: 7

SEX: Male

DAY ON TEST: 30

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-390--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|--------------------------|---------------|------------------------------|------------------|
| * Liver | | Extramedullary Hematopoiesis | Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Pituitary Gland | Rathkes Cleft | Dilation | Mild |
| * Preputial Gland | | Inflammation | Chronic, Minimal |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 29

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-231--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|------------------|----------------|--------------|------------------|
| * Clitoral Gland | | Inflammation | Chronic, Minimal |
| * Nose | Respirat Epith | Hyperplasia | Minimal |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 29

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-232--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Ovary
- * Salivary Glands
- * Stomach, Glandular
- * Uterus
- * Blood Vessel
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Bone
- * Eye
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Trachea
- * Bone Marrow
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Nose
- * Pituitary Gland
- * Stomach, Forestomach
- * Urinary Bladder

OBSERVATIONS

- * Adrenal Cortex
- * Clitoral Gland
- * Kidney
- * Liver
- * Lung
- * Thyroid Gland
- Renal Tubule
- [Hepatodiaphragmatic Nodule TGLs = 1-17]
- Accessory Adrenal Cortical Nodule
- Inflammation
- Casts Protein
- Hepatodiaphragmatic Nodule
- Inflammation
- Hemorrhage
- Ectopic Thymus
- Chronic, Minimal
- Minimal
- Focal, Minimal
- Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 29

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-233--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|----------------------|------------------|
| * Clitoral Gland | | Inflammation | Chronic, Minimal |
| * Ovary | | Mineral | Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |
| * Thyroid Gland | | Ultimobranchial Cyst | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 29

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-234--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Liver | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|----------------|------------------|
| * Clitoral Gland | Bilateral | Inflammation | Chronic, Minimal |
| * Kidney | Renal Tubule | Casts Protein | Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |
| * Thyroid Gland | | Ectopic Thymus | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 29

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-235--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | | |
|------------------|----------------|--------------|-------------------------|
| * Clitoral Gland | | Inflammation | Chronic, Minimal |
| * Lung | | Hemorrhage | Minimal |
| | Alveolus | Inflammation | Chronic Active, Minimal |
| | | Metaplasia | Osseous, Minimal |
| | | Mineral | Minimal |
| * Nose | Respirat Epith | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 30

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-236--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|------------------------------|------------------|
| * Liver | | Extramedullary Hematopoiesis | Minimal |
| | | Inflammation | Focal, Minimal |
| * Lung | Subpleura | Inflammation | Chronic, Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |
| * Thyroid Gland | | Ultimobranchial Cyst | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 30

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-237--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | | |
|-------------------|---------------|----------------|------------------|
| * Clitoral Gland | | Inflammation | Chronic, Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |
| * Thyroid Gland | | Ectopic Thymus | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 30

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-238--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | | |
|-------------------|---------------|-----------------------------------|---------|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |
| * Thyroid Gland | | Ectopic Thymus | |
| | | Ultimobranchial Cyst | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 30

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-239--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | |
|------------------|-----------------------------------|----------------|
| * Adrenal Cortex | Accessory Adrenal Cortical Nodule | |
| * Liver | Inflammation | Focal, Minimal |
| * Thyroid Gland | Ectopic Thymus | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 30

DOSE: 0W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-240--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|-----------------------------------|------------------|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| * Liver | | Inflammation | Focal, Minimal |
| * Lung | Subpleura | Inflammation | Chronic, Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 29

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Minimal

Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 29

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Adren Cortex

Note: Clitoral gland is present on slide 14

Clitoral Gland

Bilateral

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 29

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Clitoral Gland

Bilateral

Inflammation

Chronic, Minimal

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLs = TGL=1-1]

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 29

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Minimal

Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 29

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Clitoral Gland

Heart

OBSERVATIONS

Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 30

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Mild

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 30

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 30

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Minimal

Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 30

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Clitoral Gland

Heart

Kidney

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 30

DOSE: 3W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Clitoral Gland

Bilateral

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 351

TRT#: 6

SEX: Female

DAY ON TEST: 29

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

MISSING

Clitoral Gland

OBSERVATIONS

Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 352

TRT#: 6

SEX: Female

DAY ON TEST: 29

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Clitoral Gland

Bilateral

Inflammation

Chronic, Mild

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 353

TRT#: 6

SEX: Female

DAY ON TEST: 29

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Mild

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 354

TRT#: 6

SEX: Female

DAY ON TEST: 29

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Clitoral Gland

Kidney

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 355

TRT#: 6

SEX: Female

DAY ON TEST: 29

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Clitoral Gland

Kidney

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 356

TRT#: 6

SEX: Female

DAY ON TEST: 30

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 357

TRT#: 6

SEX: Female

DAY ON TEST: 30

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Minimal

Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 358

TRT#: 6

SEX: Female

DAY ON TEST: 30

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Minimal

Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 359

TRT#: 6

SEX: Female

DAY ON TEST: 30

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Heart

Kidney

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Minimal

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 360

TRT#: 6

SEX: Female

DAY ON TEST: 30

DOSE: 6W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

Clitoral Gland

Heart

Kidney

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 411

TRT#: 8

SEX: Female

DAY ON TEST: 29

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-411--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | | |
|-------------------|---------------|--------------|------------------|
| * Clitoral Gland | | Inflammation | Chronic, Minimal |
| * Lung | Subpleura | Inflammation | Chronic, Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 412

TRT#: 8

SEX: Female

DAY ON TEST: 29

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-412--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Liver | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|-------------------|---------------|----------------|-----------------------|
| * Clitoral Gland | | Inflammation | Chronic, Minimal |
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |
| * Thyroid Gland | | Ectopic Thymus | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 413

TRT#: 8

SEX: Female

DAY ON TEST: 29

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-413--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | | |
|------------------|-----------|----------------|------------------|
| * Clitoral Gland | | Inflammation | Chronic, Minimal |
| * Lung | Subpleura | Inflammation | Chronic, Minimal |
| * Thyroid Gland | | Ectopic Thymus | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 414

TRT#: 8

SEX: Female

DAY ON TEST: 29

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-414--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | | |
|-------------------|---------------|--------------|-----------------------|
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Lung | Subpleura | Inflammation | Chronic, Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 415

TRT#: 8

SEX: Female

DAY ON TEST: 29

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-415--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Liver | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|-----------------|-----------|----------------|-----------------------|
| * Eye | Retina | Dysplasia | Mild |
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Lung | Subpleura | Inflammation | Chronic, Minimal |
| * Thyroid Gland | | Ectopic Thymus | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 416

TRT#: 8

SEX: Female

DAY ON TEST: 30

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | |
|------------------|-----------------------|-------------------------|
| * Adrenal Cortex | Hypertrophy | Focal, Minimal |
| * Kidney | Nephropathy | Chronicprogr, Minimal |
| * Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| * Thyroid Gland | Ectopic Thymus | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 417

TRT#: 8

SEX: Female

DAY ON TEST: 30

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-417--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | |
|------------------|--------------|------------------|
| * Clitoral Gland | Inflammation | Chronic, Minimal |
|------------------|--------------|------------------|

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 418

TRT#: 8

SEX: Female

DAY ON TEST: 30

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-418--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Eye | * Harderian Gland |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Liver | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | |
|------------------|-----------------------------------|------------------|
| * Adrenal Cortex | Accessory Adrenal Cortical Nodule | |
| * Clitoral Gland | Inflammation | Chronic, Minimal |
| * Thyroid Gland | Ultimobranchial Cyst | |

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 419

TRT#: 8

SEX: Female

DAY ON TEST: 30

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-419--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

Experiment Number: 20105 - 13

Test Type: 28-DAY

Route: Whole Body Exposure

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 08/15/2017

Time Report Requested: 12:10:43

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

Lab: IIT

ANIMAL ID: 420

TRT#: 8

SEX: Female

DAY ON TEST: 30

DOSE: 9W/kg(GSM)PreC

DISP: Terminal Sacrifice

HISTO: 10-5217-420--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | | |
|-------------------|---------------|--------------|------------------|
| * Clitoral Gland | | Inflammation | Chronic, Minimal |
| * Lung | Subpleura | Inflammation | Chronic, Minimal |
| * Pituitary Gland | Rathkes Cleft | Dilation | Minimal |

*** END OF REPORT ***