

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

E05: CLINICAL OBSERVATIONS SUMMARY

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 04/20/2016

Time Report Requested: 15:26:18

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

HSD (CDMA) TSAC Only

NTP Study Number: C20105B
Lock Date: 12/29/2015
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
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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Date Report Requested: 04/20/2016

Time Report Requested: 15:26:18

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

| OBSERVATION | WEEK: 105 | | | | | | | |
|---------------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
| | 0.0W/kg(CDMA)chr | | 1.5W/kg(CDMA)chr | | 3.0W/kg(CDMA)chr | | 6.0W/kg(CDMA)chr | |
| | CURRENT* | TOTAL+ | CURRENT | TOTAL | CURRENT | TOTAL | CURRENT | TOTAL |
| Abnormal Breathing | 0 / 0 | 5 / 105 DAY 597 | 0 / 0 | 2 / 105 DAY 569 | 0 / 0 | 3 / 105 DAY 681 | 0 / 0 | 1 / 105 DAY 373 |
| Ataxia | 0 / 0 | 2 / 105 DAY 541 | 0 / 0 | 0/105 | 0 / 0 | 0/105 | 0 / 0 | 0/105 |
| Clonic Seizures | 0 / 0 | 0/105 | 0 / 0 | 0/105 | 0 / 0 | 0/105 | 0 / 0 | 1 / 105 DAY 625 |
| Diarrhea | 0 / 0 | 2 / 105 DAY 513 | 0 / 0 | 1 / 105 DAY 485 | 0 / 0 | 2 / 105 DAY 513 | 0 / 0 | 1 / 105 DAY 513 |
| Eye Abnormality | 0 / 0 | 11 / 105 DAY 485 | 0 / 0 | 14 / 105 DAY 373 | 0 / 0 | 16 / 105 DAY 261 | 0 / 0 | 15 / 105 DAY 457 |
| Hindlimb Splay | 0 / 0 | 3 / 105 DAY 597 | 0 / 0 | 0/105 | 0 / 0 | 0/105 | 0 / 0 | 0/105 |
| Impaired Gait | 0 / 0 | 1 / 105 DAY 597 | 0 / 0 | 0/105 | 0 / 0 | 1 / 105 DAY 345 | 0 / 0 | 1 / 105 DAY 709 |
| Lethargic | 0 / 0 | 2 / 105 DAY 541 | 0 / 0 | 2 / 105 DAY 597 | 0 / 0 | 0/105 | 0 / 0 | 1 / 105 DAY 149 |

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 30 DAYS OF RUN DATE)
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY
 ROW 2 = DAY OF ONSET

Experiment Number: 20105 - 56

Test Type: CHRONIC

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CAS Number: CELLPRADCDMA

Date Report Requested: 04/20/2016

Time Report Requested: 15:26:18

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

| OBSERVATION | WEEK: 105 | | | | | | | |
|------------------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|--------------------|
| | 0.0W/kg(CDMA)chr | | 1.5W/kg(CDMA)chr | | 3.0W/kg(CDMA)chr | | 6.0W/kg(CDMA)chr | |
| | CURRENT* | TOTAL+ | CURRENT | TOTAL | CURRENT | TOTAL | CURRENT | TOTAL |
| Mass Appendage | 0 / 0 | 1 / 105 DAY 681 | 0 / 0 | 5 / 105 DAY 513 | 0 / 0 | 1 / 105 DAY 289 | 0 / 0 | 2 / 105 DAY 541 |
| Mass Head | 0 / 0 | 1 / 105 DAY 485 | 0 / 0 | 3 / 105 DAY 233 | 0 / 0 | 6 / 105 DAY 233 | 0 / 0 | 1 / 105 DAY 653 |
| Mass Torso/Dorsal | 0 / 0 | 3 / 105 DAY 457 | 0 / 0 | 9 / 105 DAY 457 | 0 / 0 | 6 / 105 DAY 373 | 0 / 0 | 4 / 105 DAY 541 |
| Mass Torso/Lateral | 0 / 0 | 8 / 105 DAY 289 | 0 / 0 | 18 / 105 DAY 233 | 0 / 0 | 15 / 105 DAY 373 | 0 / 0 | 4 / 105 DAY 569 |
| Mass Torso/Ventral | 0 / 0 | 10 / 105 DAY 317 | 0 / 0 | 10 / 105 DAY 345 | 0 / 0 | 14 / 105 DAY 205 | 0 / 0 | 7 / 105 DAY 429 |
| Nasal/Eye Discharge | 0 / 0 | 16 / 105 DAY 457 | 0 / 0 | 23 / 105 DAY 149 | 0 / 0 | 16 / 105 DAY 9 | 0 / 0 | 24 / 105 DAY 65 |
| Paralysis | 0 / 0 | 0/105 | 0 / 0 | 0/105 | 0 / 0 | 1 / 105 DAY 709 | 0 / 0 | 0/105 |
| Ruffled Fur | 0 / 0 | 13 / 105 DAY 289 | 0 / 0 | 30 / 105 DAY 373 | 0 / 0 | 2 / 105 DAY 625 | 0 / 0 | 3 / 105 DAY 149 |

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ROW 2 = DAY OF ONSET

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

E05: CLINICAL OBSERVATIONS SUMMARY

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 04/20/2016

Time Report Requested: 15:26:18

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

| OBSERVATION | WEEK: 105 | | | | | | | |
|--------------------------------|------------------|---------------------|------------------|---------------------|------------------|--------------------|------------------|--------------------|
| | 0.0W/kg(CDMA)chr | | 1.5W/kg(CDMA)chr | | 3.0W/kg(CDMA)chr | | 6.0W/kg(CDMA)chr | |
| | CURRENT* | TOTAL+ | CURRENT | TOTAL | CURRENT | TOTAL | CURRENT | TOTAL |
| Thin | 0 / 0 | 13 / 105 DAY 541 | 0 / 0 | 24 / 105 DAY 457 | 0 / 0 | 8 / 105 DAY 597 | 0 / 0 | 5 / 105 DAY 149 |
| Ulcer/Abscess Appendage | 0 / 0 | 0/105 | 0 / 0 | 4 / 105 DAY 457 | 0 / 0 | 0/105 | 0 / 0 | 2 / 105 DAY 485 |
| Ulcer/Abscess Head | 0 / 0 | 1 / 105 DAY 485 | 0 / 0 | 2 / 105 DAY 373 | 0 / 0 | 5 / 105 DAY 429 | 0 / 0 | 1 / 105 DAY 485 |
| Ulcer/Abscess Torso/Dorsal | 0 / 0 | 2 / 105 DAY 541 | 0 / 0 | 7 / 105 DAY 485 | 0 / 0 | 3 / 105 DAY 513 | 0 / 0 | 2 / 105 DAY 485 |
| Ulcer/Abscess Torso/Lateral | 0 / 0 | 2 / 105 DAY 597 | 0 / 0 | 2 / 105 DAY 597 | 0 / 0 | 1 / 105 DAY 625 | 0 / 0 | 2 / 105 DAY 429 |
| Ulcer/Abscess Torso/Ventral | 0 / 0 | 4 / 105 DAY 401 | 0 / 0 | 5 / 105 DAY 457 | 0 / 0 | 8 / 105 DAY 317 | 0 / 0 | 3 / 105 DAY 177 |

END OF MALE DATA

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ROW 2 = DAY OF ONSET

Experiment Number: 20105 - 56

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: RATS/HSD

E05: CLINICAL OBSERVATIONS SUMMARY

Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 04/20/2016

Time Report Requested: 15:26:18

First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

| SEX: FEMALE | | WEEK: 106 | | | | | | | |
|---------------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|--|
| OBSERVATION | 0.0W/kg(CDMA)chr | | 1.5W/kg(CDMA)chr | | 3.0W/kg(CDMA)chr | | 6.0W/kg(CDMA)chr | | |
| | CURRENT* | TOTAL+ | CURRENT | TOTAL | CURRENT | TOTAL | CURRENT | TOTAL | |
| Abnormal Breathing | 0 / 0 | 0/105 | 0 / 0 | 1 / 105 DAY 682 | 0 / 0 | 1 / 105 DAY 598 | 0 / 0 | 3 / 105 DAY 598 | |
| Ataxia | 0 / 0 | 0/105 | 0 / 0 | 1 / 105 DAY 710 | 0 / 0 | 0/105 | 0 / 0 | 0/105 | |
| Diarrhea | 0 / 0 | 3 / 105 DAY 513 | 0 / 0 | 0/105 | 0 / 0 | 1 / 105 DAY 626 | 0 / 0 | 1 / 105 DAY 738 | |
| Eye Abnormality | 0 / 0 | 4 / 105 DAY 429 | 0 / 0 | 5 / 105 DAY 654 | 0 / 0 | 5 / 105 DAY 513 | 0 / 0 | 5 / 105 DAY 513 | |
| Head Tilt | 0 / 0 | 0/105 | 0 / 0 | 1 / 105 DAY 710 | 0 / 0 | 2 / 105 DAY 485 | 0 / 0 | 2 / 105 DAY 626 | |
| Impaired Gait | 0 / 0 | 0/105 | 0 / 0 | 2 / 105 DAY 682 | 0 / 0 | 1 / 105 DAY 710 | 0 / 0 | 2 / 105 DAY 682 | |
| Lethargic | 0 / 0 | 0/105 | 0 / 0 | 3 / 105 DAY 654 | 0 / 0 | 2 / 105 DAY 598 | 0 / 0 | 3 / 105 DAY 570 | |
| Mass Appendage | 0 / 0 | 1 / 105 DAY 626 | 0 / 0 | 0/105 | 0 / 0 | 2 / 105 DAY 345 | 0 / 0 | 0/105 | |

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Test Type: CHRONIC

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Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

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First Dose M/F: 09/16/12 / 09/16/12

Lab: IIT

| SEX: FEMALE | | WEEK: 106 | | | | | | | |
|------------------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|--|
| OBSERVATION | 0.0W/kg(CDMA)chr | | 1.5W/kg(CDMA)chr | | 3.0W/kg(CDMA)chr | | 6.0W/kg(CDMA)chr | | |
| | CURRENT* | TOTAL+ | CURRENT | TOTAL | CURRENT | TOTAL | CURRENT | TOTAL | |
| Mass Head | 0 / 0 | 8 / 105 DAY 429 | 0 / 0 | 3 / 105 DAY 654 | 0 / 0 | 4 / 105 DAY 401 | 0 / 0 | 4 / 105 DAY 233 | |
| Mass Torso/Dorsal | 0 / 0 | 0/105 | 0 / 0 | 1 / 105 DAY 654 | 0 / 0 | 1 / 105 DAY 541 | 0 / 0 | 3 / 105 DAY 177 | |
| Mass Torso/Lateral | 0 / 0 | 41 / 105 DAY 317 | 0 / 0 | 55 / 105 DAY 205 | 0 / 0 | 39 / 105 DAY 289 | 0 / 0 | 37 / 105 DAY 429 | |
| Mass Torso/Ventral | 0 / 0 | 56 / 105 DAY 233 | 0 / 0 | 45 / 105 DAY 205 | 0 / 0 | 47 / 105 DAY 233 | 0 / 0 | 47 / 105 DAY 149 | |
| Nasal/Eye Discharge | 0 / 0 | 8 / 105 DAY 570 | 0 / 0 | 10 / 105 DAY 570 | 0 / 0 | 5 / 105 DAY 541 | 0 / 0 | 2 / 105 DAY 626 | |
| Ruffled Fur | 0 / 0 | 16 / 105 DAY 570 | 0 / 0 | 15 / 105 DAY 570 | 0 / 0 | 10 / 105 DAY 121 | 0 / 0 | 10 / 105 DAY 626 | |
| Thin | 0 / 0 | 17 / 105 DAY 457 | 0 / 0 | 20 / 105 DAY 570 | 0 / 0 | 19 / 105 DAY 485 | 0 / 0 | 15 / 105 DAY 513 | |
| Tremors | 0 / 0 | 0/105 | 0 / 0 | 1 / 105 DAY 710 | 0 / 0 | 0/105 | 0 / 0 | 0/105 | |

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| OBSERVATION | WEEK: 106 | | | | | | | |
|--------------------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|
| | 0.0W/kg(CDMA)chr | | 1.5W/kg(CDMA)chr | | 3.0W/kg(CDMA)chr | | 6.0W/kg(CDMA)chr | |
| | CURRENT* | TOTAL+ | CURRENT | TOTAL | CURRENT | TOTAL | CURRENT | TOTAL |
| Ulcer/Abscess Appendage | 0 / 0 | 1 / 105 DAY 598 | 0 / 0 | 0 / 105 | 0 / 0 | 1 / 105 DAY 513 | 0 / 0 | 0 / 105 |
| Ulcer/Abscess Head | 0 / 0 | 2 / 105 DAY 513 | 0 / 0 | 2 / 105 DAY 485 | 0 / 0 | 1 / 105 DAY 598 | 0 / 0 | 2 / 105 DAY 513 |
| Ulcer/Abscess Torso/Dorsal | 0 / 0 | 0 / 105 | 0 / 0 | 0 / 105 | 0 / 0 | 2 / 105 DAY 513 | 0 / 0 | 1 / 105 DAY 485 |
| Ulcer/Abscess Torso/Lateral | 0 / 0 | 3 / 105 DAY 626 | 0 / 0 | 7 / 105 DAY 541 | 0 / 0 | 1 / 105 DAY 570 | 0 / 0 | 2 / 105 DAY 626 |
| Ulcer/Abscess Torso/Ventral | 0 / 0 | 6 / 105 DAY 570 | 0 / 0 | 3 / 105 DAY 570 | 0 / 0 | 1 / 105 DAY 710 | 0 / 0 | 5 / 105 DAY 513 |

END OF REPORT

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