Experiment Number: 89002-04
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

Test Compound: Transgenic LECM (Pentachlorophenol)
CAS Number: 87-86-5

Date Report Requested: 10/23/2014
Time Report Requested: 10:07:50
First Dose M/F: NA / NA
Lab: ILS

C Number: C89002C
Lock Date: 08/21/1997
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female
PWG Approval Date: NONE
**TG.AC HEMI Mouse FEMALE**

<table>
<thead>
<tr>
<th>TG.AC HEMI Mouse FEMALE</th>
<th>0 MG</th>
<th>1.25 UG TPA</th>
<th>0.75 MG</th>
<th>1.5 MG</th>
<th>3.0 MG</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Disposition Summary</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Animals Initially In Study</td>
<td>15</td>
<td>15</td>
<td>20</td>
<td>15</td>
<td>15</td>
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<tr>
<td>Early Deaths</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dosing Accident</td>
<td>7</td>
<td>2</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moribund Sacrifice</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural Death</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Survivors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Terminal Sacrifice</td>
<td>13</td>
<td>13</td>
<td>7</td>
<td>10</td>
<td>9</td>
</tr>
<tr>
<td>Other</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Animals Examined Microscopically</td>
<td>13</td>
<td></td>
<td></td>
<td>9</td>
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</table>

**ALIMENTARY SYSTEM**

<table>
<thead>
<tr>
<th>Liver</th>
<th>(13)</th>
<th>(0)</th>
<th>(0)</th>
<th>(0)</th>
<th>(9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centrilobular, Hepatocyte, Hypertrophy</td>
<td>4</td>
<td>(44%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Centrilobular, Hepatocyte, Hypertrophy, Diffuse</td>
<td>3</td>
<td>(33%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Centrilobular, Hepatocyte, Karyomegaly</td>
<td>4</td>
<td>(44%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Centrilobular, Hepatocyte, Karyomegaly, Diffuse</td>
<td>3</td>
<td>(33%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hematopoietic Cell Proliferation, Focal</td>
<td>1</td>
<td>(8%)</td>
<td></td>
<td>1</td>
<td>(11%)</td>
</tr>
<tr>
<td>Infiltration Cellular, Mixed Cell, Diffuse</td>
<td>1</td>
<td>(11%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Infiltration Cellular, Mononuclear Cl</td>
<td>12</td>
<td>(92%)</td>
<td></td>
<td>7</td>
<td>(78%)</td>
</tr>
<tr>
<td>Infiltration Cellular, Mononuclear Cl, Focal</td>
<td>1</td>
<td>(8%)</td>
<td></td>
<td>1</td>
<td>(11%)</td>
</tr>
<tr>
<td>Midzonal, Hypertrophy</td>
<td>13</td>
<td>(100%)</td>
<td></td>
<td>2</td>
<td>(22%)</td>
</tr>
<tr>
<td>Necrosis, Focal</td>
<td>2</td>
<td>(15%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salivary Glands</td>
<td>(13)</td>
<td>(0)</td>
<td>(0)</td>
<td>(0)</td>
<td>(9)</td>
</tr>
<tr>
<td>Submandibul Gl, Atrophy, Diffuse</td>
<td>1</td>
<td>(8%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submandibul Gl, Infiltration Cellular, Lymphocyte, Focal</td>
<td>1</td>
<td>(8%)</td>
<td></td>
<td>1</td>
<td>(11%)</td>
</tr>
<tr>
<td>Submandibul Gl, Infiltration Cellular, Mixed Cell</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>(11%)</td>
</tr>
</tbody>
</table>

a - Number of animals examined microscopically at site and number of animals with lesion
### P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

**Test Compound:** Transgenic LECM (Pentachlorophenol)

**CAS Number:** 87-86-5

**Species/Strain:** Mouse/TG.AC HEMI

<table>
<thead>
<tr>
<th>TG.AC HEMI Mouse FEMALE</th>
<th>0 MG</th>
<th>1.25 UG TPA</th>
<th>0.75 MG</th>
<th>1.5 MG</th>
<th>3.0 MG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stomach, Forestomach</td>
<td>(13)</td>
<td>(0)</td>
<td>(0)</td>
<td>(0)</td>
<td>(9)</td>
</tr>
<tr>
<td>Stomach, Glandular</td>
<td>(13)</td>
<td>(0)</td>
<td>(0)</td>
<td>(0)</td>
<td>(9)</td>
</tr>
<tr>
<td>Infiltration Cellular, Mixed Cell</td>
<td></td>
<td></td>
<td></td>
<td>1 (11%)</td>
<td></td>
</tr>
<tr>
<td>Tongue</td>
<td>(1)</td>
<td>(0)</td>
<td>(0)</td>
<td>(0)</td>
<td>(1)</td>
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</table>

#### CARDIOVASCULAR SYSTEM

None

#### ENDOCRINE SYSTEM

<table>
<thead>
<tr>
<th>Adrenal Cortex</th>
<th>13</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capsule, Hyperplasia</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Capsule, Hyperplasia, Focal</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Zona Reticul, Degeneration, Fatty</td>
<td>13</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Adrenal Medulla</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Pituitary Gland</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Thyroid Gland</td>
<td>0</td>
<td>0</td>
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</table>

#### GENERAL BODY SYSTEM

None

#### GENITAL SYSTEM

<table>
<thead>
<tr>
<th>Clitoral Gland</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duct, Cyst, Focal</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Ovary</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Cyst, Focal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Infiltration Cellular, Mixed Cell</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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#### HEMATOPOIETIC SYSTEM

<table>
<thead>
<tr>
<th>Lymph Node</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemal, Hyperplasia, Lymphoid, Diffuse</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hemal, Hyperplasia, Plasma Cell, Diffuse</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hyperplasia, Lymphoid, Diffuse</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hyperplasia, Plasma Cell, Diffuse</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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a - Number of animals examined microscopically at site and number of animals with lesion
### TG.AC HEMI Mouse FEMALE

<table>
<thead>
<tr>
<th></th>
<th>0 MG</th>
<th>1.25 UG TPA</th>
<th>0.75 MG</th>
<th>1.5 MG</th>
<th>3.0 MG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iliac, Hyperplasia, Lymphoid, Diffuse</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (100%)</td>
</tr>
<tr>
<td>Iliac, Hyperplasia, Plasma Cell, Diffuse</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (100%)</td>
</tr>
<tr>
<td>Inguinal, Hyperplasia, Lymphoid, Diffuse</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (100%)</td>
</tr>
<tr>
<td>Inguinal, Hyperplasia, Plasma Cell, Diffuse</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (100%)</td>
</tr>
<tr>
<td>Renal, Hyperplasia, Lymphoid, Diffuse</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (100%)</td>
</tr>
<tr>
<td>Renal, Hyperplasia, Plasma Cell, Diffuse</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (100%)</td>
</tr>
<tr>
<td>Lymph Node, Mandibular</td>
<td>(12)</td>
<td>(0)</td>
<td>(0)</td>
<td>(0)</td>
<td>(9)</td>
</tr>
<tr>
<td>Hyperplasia, Plasma Cell</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (11%)</td>
</tr>
<tr>
<td>Lymph Node, Mesenteric</td>
<td>(0)</td>
<td>(0)</td>
<td>(0)</td>
<td>(0)</td>
<td>(1)</td>
</tr>
<tr>
<td>Hyperplasia, Lymphoid, Diffuse</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (100%)</td>
</tr>
<tr>
<td>Hyperplasia, Plasma Cell, Diffuse</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (100%)</td>
</tr>
<tr>
<td>Spleen</td>
<td>(13)</td>
<td>(0)</td>
<td>(0)</td>
<td>(0)</td>
<td>(9)</td>
</tr>
<tr>
<td>Hematopoietic Cell Proliferation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (11%)</td>
</tr>
<tr>
<td>Hematopoietic Cell Proliferation, Diffuse</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3 (33%)</td>
</tr>
<tr>
<td>Hyperplasia, Plasma Cell</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 (11%)</td>
</tr>
<tr>
<td>Thymus</td>
<td>(12)</td>
<td>(0)</td>
<td>(0)</td>
<td>(0)</td>
<td>(8)</td>
</tr>
<tr>
<td>Infiltration Cellular, Mixed Cell, Diffuse</td>
<td></td>
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<td>1 (13%)</td>
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#### INTESTINAL SYSTEM

<table>
<thead>
<tr>
<th></th>
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<th>1.5 MG</th>
<th>3.0 MG</th>
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<tbody>
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<td>Skin</td>
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<td>(0)</td>
<td>(0)</td>
<td>(0)</td>
<td>(9)</td>
</tr>
<tr>
<td>Subcut Tiss, Vulva, Infiltration Cellular, Lipocyte, Focal</td>
<td>1 (8%)</td>
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#### MUSCULOSKELETAL SYSTEM

None

#### NERVOUS SYSTEM

None

#### RESPIRATORY SYSTEM

<table>
<thead>
<tr>
<th></th>
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<th>1.25 UG TPA</th>
<th>0.75 MG</th>
<th>1.5 MG</th>
<th>3.0 MG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lung</td>
<td>(13)</td>
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<td>(0)</td>
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*a - Number of animals examined microscopically at site and number of animals with lesion*
** TG.AC HEMI Mouse FEMALE **

<table>
<thead>
<tr>
<th>Test Compound</th>
<th>Transgenic LECM (Pentachlorophenol)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>87-86-5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dosage</th>
<th>0 MG</th>
<th>1.25 UG TPA</th>
<th>0.75 MG</th>
<th>1.5 MG</th>
<th>3.0 MG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alveolus, Infiltration Cellular, Histiocyte, Focal</td>
<td>1 (8%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alveolus, Proteinosis</td>
<td>1 (11%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Infiltration Cellular, Mixed Cell, Diffuse</td>
<td>1 (11%)</td>
<td></td>
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</tbody>
</table>

** SPECIAL SENSES SYSTEM **

None

** URINARY SYSTEM **

<table>
<thead>
<tr>
<th>Kidney</th>
<th>(13)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Casts Protein</td>
<td>1 (8%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casts Protein, Focal</td>
<td>1 (8%)</td>
<td></td>
<td></td>
<td></td>
<td>1 (11%)</td>
</tr>
<tr>
<td>Infiltration Cellular, Lymphocyte</td>
<td>1 (8%)</td>
<td></td>
<td></td>
<td></td>
<td>1 (11%)</td>
</tr>
<tr>
<td>Infiltration Cellular, Lymphocyte, Focal</td>
<td>6 (46%)</td>
<td></td>
<td></td>
<td></td>
<td>1 (11%)</td>
</tr>
<tr>
<td>Infiltration Cellular, Plasma Cell</td>
<td>1 (11%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Renal Tubule, Cyst, Focal</td>
<td>1 (11%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Renal Tubule, Degeneration, Focal</td>
<td>2 (15%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Renal Tubule, Dilatation, Focal</td>
<td>2 (15%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Renal Tubule, Regeneration</td>
<td>1 (8%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Renal Tubule, Regeneration, Focal</td>
<td>3 (23%)</td>
<td></td>
<td></td>
<td></td>
<td>2 (22%)</td>
</tr>
</tbody>
</table>

** END OF REPORT **

---

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