

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
adipose tissue		(1)	(0)
within normal limits		1	0
adrenal glands		(23)	(47)
angiectasis/cystic degeneration, focal cortical		1	1
- mild		1	0
- severe		0	1
anomaly, developmental		0	1
fatty change, diffuse cortical		1	0
ganglioneuroma, benign, primary		0	1
hyperplasia, focal cortical		7	31
- minimal		3	10
- mild		2	18
- moderate		2	2
- severe		0	1
hyperplasia, focal medullary		5	32
- minimal		3	18
- mild		1	14
- moderate		1	0
hypertrophy, focal cortical		1	1
- minimal		1	0
- mild		0	1

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
adrenal glands		(23)	(47)
lymphoma, malignant, multicentric		1	0
pheochromocytoma, benign, primary		1	2
pheochromocytoma, malignant, primary		0	3
polyarteritis	- minimal	0	1
within normal limits		12	2
aorta		(23)	(47)
hemorrhage	- moderate	0	1
inflammation, subacute/chronic	- mild	0	1
mineralization		3	0
	- mild	1	0
	- moderate	1	0
	- severe	1	0
within normal limits		20	46
bile duct, extrahepatic		(0)	(5)
dilation		0	5
	- minimal	0	2
	- mild	0	2
	- severe	0	1
bone marrow, femur		(23)	(47)
hyperplasia, mixed	- mild	0	1

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
bone marrow, femur		(23)	(47)
lymphoma, malignant, multicentric		2	0
within normal limits		21	46
bone marrow, sternum		(23)	(47)
angiectasis	- moderate	0	1
hyperplasia, mixed	- mild	0	1
infiltration, mast cell	- moderate	0	1
lymphoma, malignant, multicentric		2	0
within normal limits		21	44
bone, femur		(23)	(47)
fibrous osteodystrophy		7	0
	- mild	5	0
	- moderate	2	0
osteosarcoma, malignant, primary		0	1
within normal limits		16	46
bone, sternum		(23)	(47)
fibrous osteodystrophy	- mild	6	0
increased trabecular bone	- mild	0	1
within normal limits		17	46

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE

Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
brain		(23)	(47)
compression/hydrocephalus (pituitary tumor)		5	4
	- minimal 0	1	
	- mild 0	1	
	- moderate	5	2
granular cell tumor, benign, primary		0	4
lymphoma, malignant, multicentric within normal limits		1 17	0 39
cavity, oral		(0)	(5)
erosion/ulcer	- mild	0	1
foreign material	- minimal	0	1
hair follicle tumor, benign, primary		0	1
inflammation, hair follicle/epidermis	- mild	0	1
inflammation, subacute/chronic	- mild	0	2
coagulating glands		(23)	(47)
inflammation, subacute/chronic	- mild	0	1
lymphoma, malignant, multicentric within normal limits		1 22	0 46
epididymides		(23)	(47)
hemangioma, benign, multicentric		0	1
oligospermia/germ cell debris, bilateral	- severe	3	1

DOS - Died or euthanized on study

SNC - Scheduled necropsy

() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

		Group 1	
Tissue			
Observation	Severity	DOS	SNC
Number of Animals Examined		23	47
epididymides		(23)	(47)
polyarteritis	- minimal	0	1
within normal limits		20	44
esophagus		(23)	(47)
within normal limits		23	47
eyes		(23)	(47)
degeneration/atrophy, retina, bilateral	- mild	0	1
degeneration/atrophy, retina, unilateral		1	5
	- minimal	0	3
	- mild	1	2
keratopathy		2	0
	- minimal	1	0
	- mild	1	0
phthisis bulbi	- no grade	1	0
swelling, lens fibers	- mild	1	1
within normal limits		18	41
eyes, optic nerves		(23)	(47)
degeneration, axonal/myelin	- minimal	0	1
within normal limits		23	46

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
galt		(23)	(47)
lymphoma, malignant, multicentric within normal limits		1 22	0 47
harderian glands		(23)	(47)
atrophy		1	4
- minimal		1	3
- mild		0	1
hyperplasia, focal		0	5
- minimal		0	1
- mild		0	4
infiltration, mononuclear cell	- minimal	1	1
lymphoma, malignant, multicentric within normal limits		2 20	0 38
heart		(23)	(47)
cardiomyopathy		22	44
- minimal		10	11
- mild		11	30
- moderate		1	3
lymphoma, malignant, multicentric metaplasia, cartilaginous/osseous	- mild	1 0	0 1

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
heart		(23)	(47)
mineralization		4	0
	- mild	2	0
	- moderate	2	0
pheochromocytoma, malignant, secondary		0	1
polyarteritis		1	2
	- minimal	1	1
	- mild	0	1
schwannoma, endocardial, malignant, primary		0	1
within normal limits		1	2
joint, tibiofemoral		(23)	(47)
degenerative joint disease	- mild	0	2
within normal limits		23	45
kidneys		(23)	(47)
calculus/calculi	- moderate	0	1
cyst		1	2
	- mild	1	0
	- moderate	0	2
dilation, pelvic	- mild	1	0
lymphoma, malignant, multicentric		2	0

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
kidneys		(23)	(47)
mineralization		2	4
	- minimal	1	4
	- mild	1	0
nephropathy, chronic progressive		18	47
	- minimal	6	3
	- mild	1	17
	- moderate	4	21
	- severe	7	6
pyelitis	- mild	1	0
pyelonephritis	- mild	0	1
within normal limits		3	0
lacrimial glands, exorbital		(23)	(47)
atrophy		3	1
	- minimal	3	0
	- mild	0	1
degeneration	- minimal	1	0
infiltration, mononuclear cell	- mild	1	0
lymphoma, malignant, multicentric		1	0

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
lacrimal glands, exorbital		(23)	(47)
metaplasia, harderian		15	40
	- minimal	6	14
	- mild	7	15
	- moderate	2	7
	- severe	0	4
within normal limits		6	7
large intestine, cecum		(23)	(47)
lymphoma, malignant, multicentric		1	0
within normal limits		22	47
large intestine, colon		(23)	(47)
inflammation, subacute/chronic	- mild	1	0
lymphoma, malignant, multicentric		1	0
within normal limits		21	47
large intestine, rectum		(23)	(47)
inflammation, subacute/chronic	- mild	1	0
within normal limits		22	47
larynx		(23)	(47)
inflammation, subacute/chronic	- mild	0	1
lymphoma, malignant, multicentric		1	0

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
larynx		(23)	(47)
within normal limits		22	46
liver		(23)	(47)
cyst, biliary		0	2
	- minimal	0	1
	- mild	0	1
degeneration, cystic, focal	- minimal	0	1
focus of cellular alteration, basophilic	- minimal	0	2
focus of cellular alteration, clear		1	31
	- minimal	0	13
	- mild	1	15
	- moderate	0	2
	- severe	0	1
focus of cellular alteration, eosinophilic		1	2
	- mild	0	2
	- moderate	1	0
focus of cellular alteration, mixed	- mild	0	1
hematopoiesis, extramedullary	- minimal	2	7
hyperplasia, bile duct		2	16
	- minimal	1	15
	- mild	1	1

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
liver		(23)	(47)
infiltration, mononuclear cell		5	10
	- minimal	5	9
	- mild	0	1
lymphoma, malignant, multicentric		2	0
necrosis, focal		1	1
	- minimal	1	0
	- mild	0	1
necrosis, hepatocytes, centrilobular		1	0
vacuolation, increased lipid		1	0
vacuolation, periportal		1	1
	- minimal	0	1
	- mild	1	0
within normal limits		10	6
lung		(23)	(47)
granuloma, foreign body		0	2
	- minimal	0	1
	- mild	0	1
hemorrhage		2	0
	- minimal	1	0
	- mild	1	0

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE

Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
lung		(23)	(47)
histiocytosis, alveolar		6	14
- minimal	4	10	
- mild	2	4	
inflammation, granulomatous	- minimal	1	1
inflammation, subacute/chronic	- minimal	1	0
lymphoma, malignant, multicentric		2	0
macrophages, pigmented alveolar	- mild	1	0
metaplasia, osseous	- minimal	0	1
osteosarcoma, malignant, secondary		0	1
pneumonitis, uremic	- mild	2	0
within normal limits		13	29
lymph node, axillary		(1)	(2)
within normal limits		1	2
lymph node, iliac		(0)	(1)
osteosarcoma, malignant, secondary		0	1
lymph node, inguinal		(1)	(1)
lymphoma, malignant, multicentric		1	0
within normal limits		0	1

DOS - Died or euthanized on study

SNC - Scheduled necropsy

() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE

Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
lymph node, mandibular		(23)	(47)
dilation, sinus		1	3
	- mild	0	1
	- moderate	0	2
	- severe	1	0
lymphoma, malignant, multicentric within normal limits		1 21	0 44
lymph node, mediastinal		(1)	(1)
within normal limits		1	1
lymph node, mesenteric		(23)	(47)
dilation, sinus		1	3
erythrocytosis/erythrophagocytosis, sinus		1	4
	- minimal 1	0	
	- mild 0	2	
	- moderate	0	2
hemangiosarcoma, malignant, multicentric		1	0
lymphoma, malignant, multicentric		2	0
within normal limits		19	41
lymph node, renal		(0)	(1)
dilation, sinus	- mild	0	1

DOS - Died or euthanized on study

SNC - Scheduled necropsy

() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
mammary gland		(0)	(2)
adenoma, benign, primary		0	1
dilation, gland/lumen	- mild	0	1
mesentery/peritoneum		(3)	(3)
hemorrhage	- mild	1	0
mesothelioma, benign, primary		0	1
necrosis, fat		2	1
	- mild	0	1
	- moderate	2	0
polyarteritis	- severe	0	1
multicentric neoplasm		(4)	(4)
hemangioma, benign, multicentric		0	1
hemangiosarcoma, malignant, multicentric		1	0
lymphoma, malignant, multicentric		3	3
nerve, sciatic		(23)	(47)
degeneration, axonal/myelin		20	45
	- minimal	18	39
	- mild	2	6
lymphoma, malignant, multicentric		1	0
within normal limits		3	2

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
nose, level a		(23)	(47)
lymphoma, malignant, multicentric		1	0
within normal limits		22	47
nose, level b		(23)	(47)
foreign material	- minimal	1	0
fungus/yeast	- moderate	1	0
lymphoma, malignant, multicentric		1	0
within normal limits		21	47
nose, level c		(23)	(47)
adenoma, benign, primary		0	1
lymphoma, malignant, multicentric		1	0
within normal limits		22	46
nose, level d		(23)	(47)
within normal limits		23	47
pancreas		(23)	(47)
adenoma, islet cell, benign, primary		2	2
atrophy, acinar		2	6
	- minimal	1	4
	- mild	1	2
edema	- mild	0	1

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
pancreas		(23)	(47)
hemorrhage/pigment/inflammation/fibrosis, islets	- minimal	0	8
hyperplasia, acinar cell, focal	- mild	0	1
inflammation, granulomatous	- minimal	0	1
lipomatosis		2	2
	- mild	0	1
	- moderate	2	1
lymphoma, malignant, multicentric		1	0
polyarteritis	- mild	0	1
within normal limits		17	30
parathyroid glands		(23)	(40)
adenoma, benign, primary		0	3
hyperplasia, diffuse		6	1
	- mild	4	1
	- moderate	2	0
hyperplasia, focal		0	13
	- minimal	0	5
	- mild	0	6
	- moderate	0	1
	- severe	0	1
within normal limits		17	23

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
pharynx		(23)	(47)
within normal limits		23	47
pituitary gland		(23)	(47)
adenoma, pars distalis, benign, primary		7	22
adenoma, pars intermedia, benign, primary		0	1
cyst		0	4
	- minimal	0	3
	- mild	0	1
hyperplasia, focal, pars distalis		3	18
	- minimal	0	10
	- mild	2	8
	- moderate	1	0
within normal limits		13	11
preputial glands		(23)	(47)
carcinoma, squamous cell, malignant, primary		0	1
dilatation/inflammation		3	19
	- minimal 0	6	
	- mild 3	9	
	- moderate	0	4
infiltration, mononuclear cell	- minimal	1	1
lymphoma, malignant, multicentric		2	0
within normal limits		17	26

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

		Group 1	
Tissue			
Observation	Severity	DOS	SNC
Number of Animals Examined		23	47
prostate gland		(23)	(47)
adenoma, benign, primary		0	1
depletion, secretory	- mild	1	0
hyperplasia		0	2
	- minimal	0	1
	- moderate	0	1
infiltration, mononuclear cell	- minimal	1	0
inflammation, subacute/chronic		2	10
	- minimal	1	4
	- mild	1	5
	- moderate	0	1
lymphoma, malignant, multicentric		1	0
mineralization	- minimal	0	1
within normal limits		18	34
salivary gland, mandibular		(23)	(47)
within normal limits		23	47
salivary gland, parotid		(23)	(47)
atrophy	- minimal	0	1
lymphoma, malignant, multicentric		1	0
within normal limits		22	46

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
salivary gland, sublingual		(23)	(46)
within normal limits		23	46
seminal vesicles		(23)	(47)
depletion, secretory		4	3
- mild		1	0
- moderate		1	2
- severe		2	1
lymphoma, malignant, multicentric		1	0
within normal limits		18	44
skeletal muscle, biceps femoris		(23)	(47)
within normal limits		23	47
skin		(23)	(47)
alopecia/hypotrichosis	- moderate	1	0
erosion/ulcer	- moderate	1	0
keratoacanthoma, benign, primary		0	1
papilloma, squamous cell, benign, primary		0	1
within normal limits		21	45
skin, subcutis		(1)	(3)
cyst, keratin	- mild	0	2
fibroma, benign, primary		1	0

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

		Group 1	
Tissue	Severity	DOS	SNC
Observation			
Number of Animals Examined		23	47
skin, subcutis		(1)	(3)
lipoma, benign, primary		0	1
small intestine, duodenum		(23)	(47)
lymphoma, malignant, multicentric		1	0
mineralization	- mild	1	0
within normal limits		21	47
small intestine, ileum		(23)	(47)
within normal limits		23	47
small intestine, jejunum		(23)	(47)
lymphoma, malignant, multicentric		1	0
within normal limits		22	47
spinal cord, cervical		(23)	(47)
within normal limits		23	47
spinal cord, lumbar		(23)	(47)
degeneration, axonal/myelin	- mild	1	0
meningioma, benign, primary		1	0
within normal limits		22	47

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
spinal cord, thoracic		(23)	(47)
within normal limits		23	47
spleen		(23)	(47)
depletion, lymphoid, generalized	- mild	0	1
hematopoiesis, extramedullary, increased		7	10
	- minimal	1	9
	- mild	6	1
leiomyoma, benign, primary		0	1
lymphoma, malignant, multicentric		2	0
within normal limits		14	36
stomach, glandular		(23)	(47)
erosion/ulcer		1	2
	- mild	1	0
	- moderate	0	1
	- severe	0	1
inflammation, subacute/chronic		1	3
	- minimal	0	1
	- mild	1	1
	- severe	0	1

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
stomach, glandular		(23)	(47)
mineralization		4	1
	- minimal	1	1
	- mild	1	0
	- moderate	2	0
within normal limits		17	44
stomach, nonglandular		(23)	(47)
erosion/ulcer		1	1
	- mild	0	1
	- severe	1	0
hyperplasia, squamous cell		3	2
	- mild	3	1
	- moderate	0	1
inflammation, subacute/chronic		2	0
within normal limits		20	45
testes		(23)	(47)
adenoma, interstitial cell, benign, primary		1	4
degeneration/atrophy, seminiferous tubules, bilateral		3	6
	- minimal	0	1
	- mild	1	4
	- severe	2	1

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
testes		(23)	(47)
degeneration/atrophy, seminiferous tubules, unilateral		2	4
	- minimal	1	2
	- mild	0	2
	- severe	1	0
granuloma, spermatic	- severe	1	0
hyperplasia, interstitial cell	- mild	0	1
polyarteritis		6	10
	- minimal	0	2
	- mild	5	7
	- moderate	1	1
within normal limits		13	28
thymus		(22)	(47)
depletion, lymphoid, generalized		18	44
	- minimal 2	1	
	- mild 1	11	
	- moderate 3	24	
	- severe 12	8	
hyperplasia, epithelial cell	- minimal	0	3
lymphoma, malignant, multicentric		3	3
within normal limits		1	0

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

Tissue Observation	Severity	Group 1	
		DOS	SNC
Number of Animals Examined		23	47
thyroid gland		(23)	(47)
adenoma, c-cell, benign, primary		2	6
adenoma, follicular cell, benign, primary		1	4
carcinoma, c-cell, malignant, primary		0	2
carcinoma, follicular cell, malignant, primary		0	1
cyst, follicular	- minimal	1	1
hyperplasia, c-cell, focal		3	11
	- minimal	1	4
	- mild	1	4
	- moderate	1	2
	- severe	0	1
hyperplasia, follicular cell		0	2
	- mild	0	1
	- moderate	0	1
lymphoma, malignant, multicentric within normal limits		1 16	0 26
tongue		(23)	(47)
polyarteritis		1	2
	- minimal	1	0
	- mild	0	2
within normal limits		22	45

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed

MPI Research Study Number 2265-001
A 104-Week Historical Control Oncogenicity Study with Interim Necropsies in Han Wistar Rats

Summary of Microscopic Observations - MALE
Terminal

		Group 1	
Tissue			
Observation	Severity	DOS	SNC
Number of Animals Examined		23	47
trachea		(23)	(47)
within normal limits		23	47
ureters		(20)	(47)
dilation	- mild	1	0
inflammation, subacute/chronic	- mild	0	1
within normal limits		19	46
urinary bladder		(23)	(47)
dilation	- moderate	1	0
lymphoma, malignant, multicentric		1	0
within normal limits		21	47
zymbal's gland		(23)	(46)
within normal limits		23	46

DOS - Died or euthanized on study
SNC - Scheduled necropsy
() - Number observed