P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Final 1 Rats PCN 66

C Number:	C20306		
Lock Date:	10/07/2004		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	ALL		
Removal Date Range:	ALL		
Treatment Groups:	Include 001 0 NG/KG	Include 002 1000 NG/KG 66	Include 003 10,000 NG/KG 66
	Include 004 50,000 NG/KG 66	Include 005 100,000 NG/KG 66	Include 006 200,000 NG/KG 66

a - Number of animals examined microscopically at site and number of animals with lesion
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SPRAGUE-DAWLEY RATS FEMALE	0 NG/KG	1000 NG/KG 66	10,000 NG/ KG 66	50,000 NG/ KG 66	100,000 NG /KG 66	200,000 NG /KG 66
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Fatty Change					10 [1.3]	10 [2.6]
Hepatocyte, Multinucleate					4 [1.0]	9 [1.6]
Hepatodiaphragmatic Nodule	1		1			
Inflammation, Suppurative				2 [1.0]	9 [1.4]	9 [1.4]
Inflammation, Chronic Active	8 [1.0]	9 [1.1]	10 [1.2]	10 [1.6]	10 [1.7]	10 [1.2]
Necrosis	1 [2.0]					
Necrosis, Focal					1 [1.0]	4 [1.0]
Pigmentation				4 [1.0]	3 [1.0]	5 [1.0]
Toxic Hepatopathy				1 [1.0]	10 [1.5]	10 [2.3]
Hepatocyte, Hypertrophy		4 [1.0]	6 [1.0]	10 [1.1]	10 [2.1]	10 [3.3]
Oval Cell, Hyperplasia						3 [1.0]
Pancreas	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell					1 [1.0]	
Acinus, Atrophy, Focal					2 [1.0]	1 [1.0]
Acinus, Atrophy, Diffuse					1 [1.0]	2 [1.5]
Acinus, Vacuolization Cytoplasmic						5 [1.0]
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)	(10)
Epithelium, Hyperkeratosis	1 [1.0]					2 [1.5]
Epithelium, Necrosis			1 [1.0]			
Tooth	(1)	(0)	(1)	(3)	(0)	(0)
Gingiva, Inflammation	1 [1.0]		1 [1.0]	3 [1.0]		
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy						1 [1.0]

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ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Subcapsular, Hyperplasia					1 [1.0]	
Zona Fasciculata, Vacuolization Cytoplasmic						1 [1.0]
Parathyroid Gland	(10)	(0)	(0)	(1)	(0)	(8)
Infiltration Cellular, Mononuclear Cell				1 [1.0]		
Pigmentation, Ceroid				1 [1.0]		
Thyroid Gland	(10)	(10)	(10)	(10)	(10)	(10)
Follicular Cell, Hypertrophy	1 [1.0]		2 [1.0]	3 [1.0]	6 [1.0]	6 [1.0]
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	6 [1.5]					1 [1.0]
Ovary	(10)	(10)	(10)	(10)	(10)	(10)
Germinal Epithelium, Cyst		1 [3.0]				
HEMATOPOIETIC SYSTEM						
Spleen	(10)	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation						1 [1.0]
Pigmentation, Hemosiderin	10 [1.0]	10 [1.2]	10 [1.0]	10 [1.0]	10 [1.0]	10 [1.3]
Thymus	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy			1 [1.0]		5 [1.0]	9 [1.4]
INTEGUMENTARY SYSTEM						
Skin	(10)	(10)	(10)	(10)	(10)	(10)
Hair Follicle, Inflammation				1 [1.0]		

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MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic Active	1 [1.0]		1 [1.0]			
Alveolar Epithelium, Hyperplasia					1 [1.0]	
Alveolar Epithelium, Metaplasia, Bronchiolar						2 [1.0]
Alveolus, Infiltration Cellular, Histiocyte	1 [1.0]	1 [1.0]	1 [1.0]	1 [1.0]	1 [1.0]	1 [1.0]
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Respiratory Epithelium, Inflammation	2 [1.5]					
SPECIAL SENSES SYSTEM						
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Hyperplasia						3 [1.0]
Infiltration Cellular, Mononuclear Cell	1 [1.0]					3 [1.0]
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Mineralization	4 [1.0]	6 [1.0]	6 [1.0]	7 [1.0]	5 [1.0]	8 [1.0]
Nephropathy	6 [1.0]	7 [1.0]	8 [1.0]	6 [1.0]	6 [1.2]	10 [1.0]

*** END OF REPORT ***

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