

EXHIBIT 1

Part 9 of 14

77-188

CONTINUATION PAGE

History Necropsy Histopath Comments

Liver, trace multifocal extramedullary hematopoiesis

Testes - mild multifocal fibrosis, moderate testicular degeneration characterized by maturation arrest and degenerating cells in tubular lumen.

History Necropsy Histopath Comments

HMR 935392

♀ BORN 6-27-77
Control a TO BLEED
E.Y.

Acc. # 77-788

HMR 935393

PROJECT LOGBOOK

C 23249

subject Weighting & Clinical Chemistry Determinations Date 11/22/77 + 11/23/77
for S. H. ... Signature Gregory Lewis

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		A*	B	C	D*	E	F	G	H	
HEMATOLOGY	Treatment Date	A(BH/11-16)								
	Day in Study	I(BH/17-19)								
	HCT (%)	II(H/20-23)								
	HGB (G %)	R(H/24-27)								
	RBC (10 ⁹ /CUMM)	R(H/28-31)								
	WBC (10 ³ /CUMM)	R(H/32-35)								
	RET (% RBC)	R(H/36-39)								
	Platelets (10 ³ /CUMM)	II(H/40-43)								
	DIR. %	Neut. I	II(H/44-45)							
		Neut. M	II(H/46-47)							
		Lympho.	II(H/48-49)							
		Eosino.	II(H/50-51)							
		Baso.	II(H/52-53)							
		Mono.	II(H/54-55)							
		Cells Observed (# 100)	II(H/56-58)							
NRBC/100 WBC	II(H/59-60)									
BLOOD CHEMISTRY	BUN (MG %)	II(B1/20-23)								
	BS (MG %)	II(B1/24-27)								
	BSP (% RET/15 MIN)	II(B1/28-31)								
	AP (I.U.)	II(B1/32-35)								
	SGOT (I.U.)	II(B1/36-39)								
	SGPT (I.U.)	II(B1/40-43)								
	PT (SEC)	R(B1/44-47)								
	Creatinine (MG %)	R(B1/48-51)								
	Bilirubin T	R(B1/52-55)								
	(MG %) D	R(B1/56-59)								
	Na (MEQ/L)	II(B1/60-63)								
	K (MEQ/L)	R(B1/64-67)								
	Ca (MEQ/L)	R(B1/68-71)								
	Cl (MEQ/L)	R(B1/72-75)								
	Mg (MEQ/L)	R(B1/76-79)								
Sequence within day	II(B1/80)									
Weight (KG)	R(H/81-85)									
Sequence within day	II(H/75)									
Temperature	R(H/76-80)									

X - denotes dublicately run sample
 * - denotes slightly clotted sample

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Read and Understood by me _____ Signature Gregory Lewis Date 11/23/77

Comparative Pathology Report Form
A. J. CARLSON ANIMAL RESEARCH FACILITY
University of Chicago

ID # <u>9097700789 1</u>	MODE: C D E F M N P Q <u>(R)</u> S T	ACC. NO. <u>77-789</u>
Acct # <u>380001630116</u>	AGE: NB I YA AD <u>SM</u>	
User <u>COLEMAN</u>	SEX: M <u>(F)</u> C S U H	
	ROOM: <u>FMI</u>	<u>Hemates B</u>

Supporting Studies:	Specimen:	Copy to CM _____
<input type="checkbox"/> Micro <input type="checkbox"/> Photo	<input type="checkbox"/> Live Animal _____	Copy to user _____
<input type="checkbox"/> Paras <input type="checkbox"/> EM	<input checked="" type="checkbox"/> Carcass _____	Phoned _____
<input checked="" type="checkbox"/> Hemat <input type="checkbox"/> U/A	<input type="checkbox"/> Fresh Tiss. _____	Indexed _____
<input type="checkbox"/> Sp St <input checked="" type="checkbox"/> Chem	<input type="checkbox"/> Fixed Tiss. _____	

PRELIMINARY DIAGNOSIS:

COMMENTS:

James F. Smith DVM
 Prosector _____ Date _____
 FINAL DIAGNOSIS:

Wood & Riehl 3-3-78

HMR 935395

LAB REPORTS

77-789

TISSUE LIST		DICTIONARY GUIDE
no.	WS	Tissue
✓		adipose
✓		adrenal
✓		aorta
✓		bladder
✓		bone
✓		brain
✓		caecum
✓		colon
✓		diaphragm
✓		duodenum
✓		esophagus
✓		eye
✓		ear (mid)
✓		gall bladder
✓		gonad
✓		heart
✓		ileum
✓		jejunum
✓		kidney(s)
✓		larynx
✓		liver
✓		lung
✓		lymph node
✓		mammary gland
✓		med. l. node
✓		mes. l. node
✓		muscle
✓		pancreas
✓		parathyroid
✓		pituitary
✓		prostate
✓		saliv. gland
✓		sciatic n.
✓		semin. ves.
✓		skin
✓		spinal cord
✓		spleen
✓		stomach
✓		trachea
✓		thymus
✓		thyroid
✓		tongue
✓		tonsils
✓		ureters
✓		urethra
✓		uterus
✓		vagina
DK		

EXTERNAL APPEARANCE: hair, eyes, skin, nodes, extremities, rigidity, lividity, scalp, nares, perineum

PERITONEAL CAVITY: fat, fluid, adhesions, position of organs, hernias

PLEURAL CAVITIES & MEDIASTINUM: fluid, lung expansion, widening of med.

HEART & VESSELS: size, fat, color; smoothness of endo & epicardium, chambers, cordae tend., pap. mus., hemorrhages, thrombi, valves, thickenings, coronary arteries

RESPIRATORY TRACT: nasal cav., sinuses, larynx, trachea, lung consist., crepitation, pleural surfaces, cut surfaces

ALIMENTARY TRACT: oral cav., sal. glands, pharynx, esophagus, stomach, intestine, colon, anus, contents, serosa, mucosa, scars, Peyer's patches, mesenteric surface, vessels, nodes

LIVER: size, shape, color, surface, consistency, veins, arteries

BILIARY SYSTEM: patency, size, contents, serosa, mucosa, wall, color

PANCREAS: weight, color, consistency

URINARY TRACT: kidney--shape, wt., surface, size of cortex, contents of pelvis, arteries, veins, fat; bladder, urethra & ureter--contents, mucosa, serosa, patency

GENERATIVE ORGANS: prostate, semin. ves., testes, epididymes, vagina, uterus, fall. tubes, ovaries--size, shape, surface, content

SPLEEN: size, color, consistency, cut surface, shape

LYMPH NODES: superficial, mediastinal, periaortic, portal pelvic, mesenteric; **TONSILS, THYMUS:** size, color, consistency

BONE MARROW: ribs, vertebra, sternum; color, consistency

ENDOCRINE GLANDS: pituitary, thyroid, parathy., adrenals; symmetry, size, color, nodules

BONES, JOINTS, SYNOVIA: shape, size, contents

SKELETAL MUSCLES: symmetry, color, fibrosis, measure if a/hypertrophic

HEAD: scalp, galea, calvarium

BRAIN: CSF, color, consistency, dura, vessels

SPINAL CORD: dura, contents of space

SPECIAL GROSS OBSERVATIONS: speculations, deduced conclusions

LABORATORY DETERMINATIONS:

MICROBIOLOGY: blood, organs, exudate, pul. nodes, CSF, stool, urine

PARASITOLOGY: fecal flotation

SEROLOGY:

VIROLOGY:

HISTOLOGIC ADJECTIVES: mild, moderate, severe, generalized, diffuse, focal, multifocal

Lungs perfused
bowel perfused
bladder perfused
artery tissue - sep.

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77-789

NECROPSY REPORT

Post mortem interval: 55 to 70 min ♀

Weight: 127.0 (g) kg

ORGAN: OBSERVATION

ORGAN	OBSERVATION
✓ = W.N.L.	
• ADRENALS	✓ R.O. 0.000g; L.O. 0.00dg
AORTA	✓
BLADDER	✓
BONE	✓
• BRAIN	✓ 0.8907g WNR
CAECUM	✓ 0.8907g
CUL-DE-SAC	✓
DUPLOYER	✓
ESOPHAGUS	✓
EYE	✓
GALL BLADDER	✓
• GONADS	✓ too small and fat laden to weigh
• HEART	✓ 0.3540g
ILEUM	✓
JEJUNUM	✓
• KIDNEYS	✓ L.O. 2934g, R.O. 3035g
• LIVER	✓ 3.5300g
• LUNG	✓ perfusion began before weighing
LYMPH NODE	✓
MES. NODE	—
MUSCLE	✓
OPTIC NERVE	✓
PANCREAS	✓
PERIPHERAL NERVE	✓
? PITUITARY	✓ too small to weigh
PROSTATE	✓ WNR
SPLEEN GLAND	✓
SPERMAT. VESICLE	—
SKIN	✓
SPIRAL CORD	✓
• SPLEEN	✓ 0.0812g
STERNUM	✓
STOMACH	✓
TRACHEA	✓
THYMUS	✓
THYROID	✓
TONGUE	✓
UTERUS	✓

Free blood in thoracic and pericardial cavity.

Lungs:
collapsed upon opening chest, perfusion began before weight taken, lungs were WNL

HMR 935397

HISTOPATHOLOGIC EVALUATION

77-789

TISSUE:	OBSERVATION
✓ = W. N. I.	
ADRENALS	✓
AORTA	—
BLADDER	✓
BONE	✓
BRAIN	✓
CAECUM	✓
COLON	✓
DUODENUM	+ moderate chronic enteritis
ESOPHAGUS	✓
EYE	✓ shattered section, no lens present
GALL BLADDER	+ atolyzed
OVARIES	✓ one ovary examined
HEART	✓ trace, chronic multifocal myocarditis
ILEUM	— W. N. I.
JEJUNUM	— W. N. I.
KIDNEYS	✓ focal papillar calcification
LIVER	+ trace, extramedullary hematopoiesis
LUNG	+ occasional free alveolar cells in lumen, 5 lobes
LYMPH NODE	—
MES. NODE	—
MUSCLE	✓
OPTIC NERVE	—
PANCREAS	✓
PERIPHERAL NERVE	✓
PLACENTA	✓
PROSTATE	—
SPLEEN	✓
TESTES	—
UTERUS	—
SKIN	✓
SPINAL CORD	✓
SPLEEN	+ mild congestion, mild to moderate extramedullary hematopoiesis
STERNUM	+ 80% cellularity, MYC ≈ 3/2
STOMACH	✓
TRACHEA	✓
THYMUS	✓
THYROID	✓
TONGUE	—
UTERUS	✓
parathyroid	✓ one
int.	—

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☐ cont'd p. 6

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HISTORY AND CLINICAL SUMMARY

ID # _____ Date _____ Euthanized _____

Acct. # _____ Found dead _____ am pm / / _____

User _____ Last observed _____ am pm / / _____

D.N.A.

CLINICAL DIAGNOSIS:

HMR 935399

Clinician _____

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CONTINUATION PAGE

History Necropsy Histopath Comments

History Necropsy Histopath Comments

HMR 935400

PROJECT LOGBOOK

C 23249

subject Continuing Clinical Chemistry Determination Date 11/22/77 + 11/23/77
for S Hemostasis for Dr. Eugene Haberman Signature George L. Lurie

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	Cl (MEQ/L)	R(B1/72-75)								
Mg (MEQ/L)	R(B1/76-79)									
Sequence within day	I(B1/80)									
Weight (KG)	R(H/61-65)									
Sequence within day	II(H/75)									
Temperature	R(H/76-80)									

X - denotes duplicated run sample
 * - denotes slightly clotted sample

HMR 935401

Read and
Understand

Signature

Date

D. V. A.