

# **EXHIBIT 1**

## **Part 7 of 14**

JOSEPH MANDEL BARON, M.D.

Curriculum Vitae

BIBLIOGRAPHY:

Articles:

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6. Baron, J.M., Yachnin, S., Polcyn, R., and Fitch, F.W., and Sturmer, W.Q. Accidental Radiogold (<sup>198</sup>Au) Liver Scan Overdose with Fatal Outcome. Symposium on the Handling of Radiation Accidents, International Atomic Energy Agency, May 19-23, 1969. Semiannual Report to The Atomic Energy Commission, March, 1970.
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9. Kingdon, Henry S., M.D., Ph.D., Joseph M. Baron, M.D., Gerald E. Byrne, Jr., M.E., and Henry Rappaport, M.D., F.A.C.P. Malignant Histocytosis. Results of Combination Vincristine-Prednisone Therapy. *Annals Int Med*. Vol. 72:705-709, May, 1970.

HMR 935372

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BIBLIOGRAPHY: (con't)

Articles:

10. Yachnin, S., Allen, L.W., Baron, J.M. and Svenson, R. Potentiation of Lymphocyte Transformation by Membrane-Membrane Interaction. In Proc. of Fourth Leukocyte Culture Conference. O.R. McIntyre, Editor, Appleton-Century Crofts, Inc., New York 37-47, 1971.
11. Stanley Yachnin, Lawrence, W. Allen, Joseph M. Baron and Robert H. Svenson. The Potentiation of Phytohemagglutinin-Induced Lymphocyte Transformation by Cell-Cell Interaction; A Matrix Hypothesis. Cellular Immunology, Vol. 3, April, 1972.
12. Baron, J.M., Ultmann, J.E. Chemotherapy of Malignant Neoplasms Ansfield, F.J., Editor, Thomas, C.C. Springfield, Illinois 1973.
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8. Names and Addresses of other Investigators Responsible to the Principal Investigator

- (a) 1) Dimitrios Emmanouel, M.D. - Assistant Professor, Department of Medicine, Section of Nephrology, University of Chicago
- 2) Eugene Goldwasser, Ph.D. - Professor, Department of Biochemistry, University of Chicago
- 3) Adrian Katz, M.D. - Professor and Head, Section of Nephrology, Department of Medicine, University of Chicago

9. Institutional Review

The University of Chicago Clinical Investigation Committee (General Assurance #G1626) has approved this project (Protocol #2822).

**HMR 935374**

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STERILITY,  
PYROGENICITY

**HMR 935375**

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**Tox Monitor Laboratories, Inc.**  
 112 North 10th Avenue  
 Melrose Park, Illinois 60160  
 (312) 345-6970

PYRCGEN TEST FOR: University of Chicago, Chicago, IL QUALITY CONTROL REPORT  
 Human Urinary Erythropoietin  
 PRODUCT: in Albumen Solution LOT NO. \_\_\_\_\_ DILUTION: \_\_\_\_\_  
 TEST NO. PS 2478 TEST DATE: 11-15-78

RABBIT NO. <u>86</u>			RABBIT NO. <u>74</u>			RABBIT NO. <u>75</u>		
WEIGHT: <u>2.6 K GMS.</u>			WEIGHT: <u>3.2 K GMS.</u>			WEIGHT: <u>3.1 K GMS.</u>		
<u>39.5 C CONTROL</u>			<u>39.8 C CONTROL</u>			<u>39.6 C CONTROL</u>		
TIME: <u>10:00</u>			TIME: <u>10:00</u>			TIME: <u>10:00</u>		
<u>1.5 Ml/Rabbit</u>			<u>1.5 Ml/Rabbit</u>			<u>1.5 Ml/Rabbit</u>		
TIME	TEMP.	VAR.	TIME	TEMP.	VAR.	TIME	TEMP.	VAR.
<u>11:00</u>	<u>39.5 C</u>	<u>    C</u>	<u>11:00</u>	<u>39.9 C</u>	<u>    C</u>	<u>11:00</u>	<u>39.6 C</u>	<u>    C</u>
<u>12:00</u>	<u>39.3 C</u>	<u>    C</u>	<u>12:00</u>	<u>39.8 C</u>	<u>    C</u>	<u>12:00</u>	<u>39.9 C</u>	<u>    C</u>
<u>1:00</u>	<u>39.8 C</u>	<u>    C</u>	<u>1:00</u>	<u>39.7 C</u>	<u>    C</u>	<u>1:00</u>	<u>40.0 C</u>	<u>    C</u>
TOTAL TEMP.VAR.		<u>0.3 C</u>	TOTAL TEMP.VAR.		<u>0.1 C</u>	TOTAL TEMP.VAR.		<u>0.4 C</u>

RESULTS: FAIL: \_\_\_\_\_ RERUN: \_\_\_\_\_ PASS: X

TECHNOLOGIST: Robert F. Locke, Jr.  
 DATE: November 15, 1978

**HMR 935376**

Officers: Thomas J. Welsh, D.V.M., Ph.D. - President • Michael W. Kukulinski, B.S., L.A.T. - Vice-President Operations • Robert F. Locke, Jr., M.S., L.A.T. - Vice-President Marketing

PEDIATRICS MICROBIOLOGY LABORATORY			HOSP. NO.
ORIGIN OF SPECIMEN		EXAMINATION REQUESTED	
DIAGNOSIS		STERILITY	
NO S. HEM. STREP.		PHYSICIAN	PT'S AGE
S. HEM. STREP. GR. A		LESS THAN 10,000 COL./ML	
S. HEM. STREP. NOT GR. A		NORMAL FLORA	
HEMOPHILUS INFLUENZA		NO PATHOGENS FOUND	
STREP PNEUMONIAE		NO BACT., BRIG., OR ENT. PATH. B. CGLL.	
STAPH AUREUS		GRAM STAIN:	
NO GROWTH		DATE: 11-3-78	
		ANTIBIOTIC	
ANTIMICROBIAL-SUSCEPT.	S = SENSITIVITY	AMIKACIN	CONTROL - 3 OTHER RESULTS IN 10 only A - ... D - ... R/L DATE OF RESULTS 11-10
	R = RESISTANCE	AMPICILLIN	
		CAMPICILLIN	
		CEPHALOTHIN	
		CEPHALOSPORIN	
		CLINDAMYCIN	
		COLISTIN	
		ERYTHROMYCIN	
		GENTAMICIN	
		NETILMIDICIN	
		NEOMYCIN	
		NETROFRANTIN	
		NETROFRANTIN	
		NETROFRANTIN	
		NETROFRANTIN	

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Animal Studies

**HMR 935378**

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DATE: January 5, 1979

TO: Drs. J. M. Baron and E. Goldwasser

FROM: Dr. Ward R. Richter

We have completed a pathologic evaluation, gross and microscopic, of the eight (8) hamsters submitted by you on November 22, 1977. Four (4) animals identified as A, B, C, D were controls and four (4) animals identified as E, F, G, H were treated with test material. The animals were submitted dead in a plastic bag and identified with tape attached to a leg. Dr. Joanne Kopplin completed a post mortem examination of the eight (8) animals and collected tissue for microscopic examination. Tissue was fixed in 10% formalin, dehydrated, embedded in paraffin, sectioned at 6-8 microns and stained with hematoxylin and eosin. Histopathologic evaluation was done by Joanne R. Kopplin and Ward R. Richter.

The results are reported in the appended individual pathology forms and the gross and histopathologic observations and selected weights are presented in separate tables. Copies of hematology and blood chemistry data submitted to us by Barry S. Levine of I.I.T.R.I. are appended. This report dated November 22, 1977 covers blood samples which you obtained and submitted directly to I.I.T.R.I.

Gross Observations: The pericardial blood clots and free blood in the thoracic cavity were of recent origin (minutes to hours), were compatible with intracardial puncture, and were observed in control as well as treated animals. The liver was enlarged in two (2) animals, one (1) control male (D) and one (1) treated female (D). Liver weights on both animals were greater than the other six animals. There was no histologic abnormality in either of these animals and there is no apparent relationship to treatment with the test material. The congestion and mottling of the liver in several treated animals was not accompanied by any histologic observation and these observations are usually related to the degree of exsanguination of animals and the amount of terminal congestion of the liver. They do not appear to be related to treatment. There were no other treatment related gross observations in these eight (8) animals.

Microscopic Observations: The individual histopathology findings are presented in the appended table. All of the lesions described are common spontaneous observations in hamsters and they are not related to treatment with the test material and there is no evidence of exacerbation of spontaneous disease by the experimental procedure. In some cases tissues were not examined because they were small, parathyroid etc., and did not pass through the plane of section. In several other tissues, the sections were inadequate or incomplete because they were small or were improperly infiltrated in the embedding process.

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To: Drs. J. M. Baron and E. Goldwasser  
January 5, 1978  
Page 2

Summary: There were no gross or microscopic observations or lesions which could be attributed to the test material in this series of four (4) control and four (4) treated hamsters.

*Ward R. Richter*

Ward R. Richter, D.V.M.,  
Diplomate, American College  
of Veterinary Pathologists

WRR/mbn

**HMR 935380**

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GROSS OBSERVATIONS

Summary

ANIMAL SEX	<u>CONTROL</u>				<u>TREATED</u>			
	A M	B F	C M	D M	E F	F M	G F	H M
<u>ORGAN AND DESCRIPTION</u>								
ADRENAL	+N	+N	+N	+N	+N	+N	+N	+N
AORTA	+N	+N	+N	+N	+N	+N	+N	+N
BLADDER	+N	+N	+N	+N	+N	+N	+N	+N
BONE	+N	+N	+N	+N	+N	+N	+N	+N
BRAIN	+N	+N	+N	+N	+N	+N	+N	+N
CAECUM	+N	+N	+N	+N	+N	+N	+N	+N
COLON	+N	+N	+N	+N	+N	+N	+N	+N
DUODENUM	+N	+N	+N	+N	+N	+N	+N	+N
ESOPHAGUS	+N	+N	+N	+N	+N	+N	+N	+N
EYE	+N	+N	+N	+N	+N	+N	+N	+N
GALL BLADDER	+N	+N	+N	+N	+N	+N	+N	+N
GONADS	+N	+N	+N	+N	+N	+N	+N	+N
HEART	+	+	+N	+N	+N	+N	+	+
Pericardial blood clots	P	P					P	P
ILEUM	+N	+N	+N	+N	+N	+N	+N	+N
JEJUNAM	+N	+N	+N	+N	+N	+N	+N	+N
KIDNEYS	+N	+N	+N	+N	+N	+N	+N	+N
LIVER	+N	+N	+N	+	+	+	+N	+
Enlarged				P		P		
Congestion						P		
Mottled					P			P
LUNG	+	+	+N	+	+N	+N	+N	+N
Congestion	P							
Collapsed	P	P						
Dark spot, single lobe				P				
LYMPH NODE	+N	+N	+N	+N	+N	+N	+N	+N

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