

# BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

Compiled by A. G. DuMez, Reporter on the Progress of Pharmacy.

All articles in these lists will be presented in abstract form in the bound volumes of the Year Book, which is issued annually. Those desiring abstracts immediately can obtain them for a fee of one dollar each by communicating with A. G. DuMez, University of Maryland, School of Pharmacy, N. W. cor. Lombard and Greene Sts., Baltimore, Maryland.

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RAW GLANDS FOR MANUFACTURE OF PHARMACEUTICALS AND CHEMICALS  
HAVE LARGE DEMAND IN GERMANY.

There is a considerable demand for fresh raw glands in Germany. Thyroid and ovary glands are most in demand although pituitary, testes, thymus, hypophysis, suprarenal, corpora, lutea, orchia and others are of importance in the trade. The United States is a leading source of raw gland importations. Raw animal glands are imported in the frozen state. In some cases they are shipped in special air-tight tin containers. Obviously it is of the utmost importance that the packing be adequate to insure the arrival of the glands in an entirely fresh and perfect condition. It is understood that there are large specialized storage warehouses in Hamburg from which deliveries to the consumers can readily be made. A list of German importers and consumers of raw glands is available in the Chemical Division to accredited American firms upon request. (Consul General W. L. Lowrie, Frankfort-on-the-Main.)

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A Merry Christmas and a Happy New Year!

## IODINE RETENTION AND DISTRIBUTION\*

BY WILLIAM A. PEABODY.

TABLE I.  
Iodine Distribution.  
Gamma/100 Gm. Dry Basis.

Rabbit.	Body Wt., Kg. Init.	Approx. dose mg. Final. I <sub>2</sub> /Kg./day.	Period, Days. I <sub>2</sub> After feeding.	Total I <sub>2</sub> Fed Gm.	Iodine Distribution.					Misc. <sup>1</sup>	Mg. eliminated.	Retention % of I <sub>2</sub> fed.	Remarks.
					Liver.	Skeleton muscle. <sup>1</sup>	Lung.	Brain.	Gamma/100 Gm. Dry Basis.				
1	1.20	16+	69	2.45	233	320	4940'	371'	H 397' G 550' H 518 B 1470 G 86'	...	...	Slight liver infection	
C-1	2.27	2.32	16-	69	2	2.45	570	134	820	147	...	Healthy	
3	1.05	0.91	28	0.96	7770	216'	...	121'	...	...	...	Died; loss of appetite Emaciated; skin (ear) in- fected; many liver spots	
C-3	1.05	0.76	28+	0.96	2650'	691	3310'	1035'	...	...	...	Emaciated; skin (ear) in- fected; many liver spots	
4	2.38	1.20	12+	1.49	5010	146'	224'	None?	H 121'	...	...	Skinny; liver inf.	
C-4	2.38	2.38	12-	1.49	432	458	259	112	...	766	49	Skinny; liver inf.	
5	1.45	1.39	19	0.25	1050	181	501	527	H 518'	76	70	Skinny; liver inf.	
C-5	1.52	1.46	19	0.26	1080	259	552	552	H 1140'	127	52	Coccidiosis	
6	1.15	1.09	39	0.40	4830	483	6350	648	H 4660' K 13300	125	69	Coccidiosis	
C-6	1.31	1.37	39	0.46	2120	691	17800	518	H 3380' (min.) K 9200	186	60	Coccidiosis (?)	
8	2.42	2.40	2.1	0.046	207	147	164	216	H 164' H 216 K 216 G 389 B 264	6.5	86		
C-8	2.51	2.33	2.1	0.048	242	224	216	164	B 264 H 224 K 268 B 156	10.2	79		
7	1.72	1.78	2.5	0.039	...	...	...	...	...	23.1	41		
C-7	1.51	1.59	2.5	0.034	...	...	...	...	...	1.6	37		
9	1.64	1.65	5.4	0.079	...	...	...	...	...	0.5	34		
C-9	2.93	2.71	5.4	0.141	...	...	...	...	...	21.5	37		
			5.4							1.1	33		
			9							0.6	32		
			9							21.7	73	Pregnant; delivery 2 days after end of exp.	
			4							51.8	64		

\* See article in June Journal A. Ph. A. (1931), pages 551-555. This table was omitted by oversight from the paper appearing in the issue of the Journal above referred to.

<sup>1</sup> H = Heart. G = Gall bladder with bile. B = Whole blood, wet basis. K = Kidneys. ' = Single analysis. " = Consecutive additional days.