



Smithsonian
National Museum of American History
Kenneth E. Behring Center

Guide to the William C. Dolowy
Veterinarian Medicine Collection

NMAH.AC.0459

Grace Angle

1992

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	William C. Dolowy Veterinarian Medicine Collection
Identifier:	NMAH.AC.0459
Date:	1960-1991
Extent:	0.5 Cubic feet (2 boxes)
Creator:	Dolowy, William C. (veterinarian)
Language:	English .
Summary:	The collection documents Dr. William C. Dolowy, a veterinarian, whose animal research on the drug L'Asparaginase in the 1960's is illustrative of the role of veterinary medicine in human health.

Administrative Information

Acquisition Information

Collection donated by Dr. William C. Dolowy, August 20, 1992.

Provenance

Transferred to the Archives Center from the Division of Agriculture to the Archives Center.

Processing Information

Collection processed by Grace Angle, 1992

Preferred Citation

William C. Dolowy Veterinarian Medicine Collection, 1960-1991, Archives Center, National Museum of American History.

Restrictions

Collection is open for research.

Conditions Governing Use

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Biographical / Historical

Dr. William C. Dolowy is a veterinarian in private practice on Mercer Island in Washington state whose animal research on the drug L'Asparaginase in the 1960's is illustrative of the role of veterinary medicine in human health. The drug has become an important chemotherapy for human leukemia. Before the use of L'Asparaginase in the treatment of human acute Lymphoblastic leukemia only 3 percent of children with acute lymphoblastic leukemia survived. With the use of L'Asparaginase together with the standard medication, 95% of the such children go into remission within a month and up to 80% survive.

Scope and Contents

The collection includes xerographic copies of four articles on L'Asparaginase and fourteen laboratory notebooks of research data relating to these articles.

It also includes excerpts from a diary kept by Robert Ammeraal, a co-worker at the time, several photographs taken at the time, and a letter from Robert Ammeraal to Dr. Dolowy dated August 28, 1991.

Arrangement

The collection is arranged into two series.

Series 1: Materials Relating to Research on L'Asparaginase, 1966-1968, 1991

Series 2: Laboratory Research Notebooks Relating to Publications, 1966-1968

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Veterinarians
Veterinary medicine

Types of Materials:

Diaries
Reprints

Names:

Ammeraal, Robert
Brown, E.
Cornet, J.
Hensen, D.
National Museum of American History (U.S.). Division of Agriculture
Schrek, R.
Sellin, H.

Geographic Names:

Mercer Island (Washington)
Washington (State)

Container Listing

Series 1: Materials Relating to Research on L'Asparaginase , 1966 - 1968, 1991 - 1991

Box 1, Folder 1	Correspondence, 1991
Box 1, Folder 2	Excerpts from Robert Ammeraal's diary incorporating entries relating to research on L'Asparaginase. Diary entries are on intermittent days from April 26, 1966 through April 21, 1967.
Box 1, Folder 3	Newspaper clipping, Mercer Islander, October 1988, relating to Dr. Dolowy's selection as veterinarian of the year.
Box 1, Folder 4	Photoprints, negatives and slides
Box 1, Folder 5	Dolowy, W.C., Cornet, J., Henson, D. and Ammeraal, A.: "Response of Intracerebral Gardner Lymphoma to Guinea Pig L Asparaginase and Escherichia coli L Asparaginase." Proc Soc Exp Biol and Med, 123: 133 137, 1966.
Box 1, Folder 5	Dolowy, W.C., Henson, D., Cornet, J. and Sellin, H.: "Toxic and Antineoplastic Effects of L Asparaginase. Study of Mice with Lymphoma and Normal Monkeys" and "Report on a Child with Leukemia," Cancer, 19 :1813 1819, 1966.
Box 1, Folder 5	Dolowy, W.C. Ammeraal, Cornet, J. and Henson, D.: "Blood Levels, Toxic and Anti Neoplastic Effects of L Asparaginase Preparation from E. coli and Guinea Pig Serum." Presbyterian St. Lukes Medical Bulletin, 6: 85 92, 1967
Box 1, Folder 5	Dolowy, W.C., Schrek, R., Henson, D., Cornet, J. and Brown, E.: "Effects of Guinea Pig Serum on the Walker 256 Carcinosarcoma." Nature, 218: 1028 1031, 1968.

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Series 2: Laboratory Research Notebooks Relating to Publications , 1966 - 1968

- Box 1, Folder 6-7 Dolowy, W.C., Cornet, J., Henson, D. and Ammeraal, A.: "Response of Intracerebral Gardner Lymphoma to Guinea Pig L Asparaginase." *Proc Soc Exp Biol and Med*, 123: 133 137, 1966. (#25 A & B)
- Box 1, Folder 8-12 Dolowy, W.C. Henson, D., Cornet, J. and Sellin, H.: "Toxic and Antineoplastic Effects of L Asparaginase." "Study of Mich with Lymphoma and Normal Monkeys and Report on a Child with Leukemia." *Cancer*, 19: 1813 1819, 1966. (#26 A, B, C, D)
- Box 2, Folder 13-14 Dolowy, W.C., Ammeraal, Cornet, J. and Henson D.: "Blood Levels, Toxic and Anti Neoplastic Effects of L Asparaginase Preparation from E. coli and Guinea Pig Serum." *Presbyterian St. Lukes Medical Bulletin*, 6: 85 92, 1967. (#29 A and B)
- Box 2, Folder 15-19 Dolowy, W.C., Schrek, R., Henson, D., Cornet, J. and Brown, E.: "Effects of Guinea Pig Serum on the Walker 256 Carcinosarcoma." *Nature*, 218: 1028 1031, 1968. (#30 A, B, C, D, E)

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