Guide to the Moore-Stein Protein Sequencer Video Documentation

NMAH.AC.0607
Alison Oswald
1997
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Collection Overview

Repository: Archives Center, National Museum of American History
Title: Moore-Stein Protein Sequencer Video Documentation
Identifier: NMAH.AC.0607
Date: June 1996.
Extent: 0.5 Cubic feet (2 boxes)
Creator: Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation.
Language: English

Administrative Information

Immediate Source of Acquisition

Ownership and Custodial History
Video documentation created by the Lemelson Center and NMAH staff Jon Eklund (Division of History of Technology) and Pat Gossel (Division of Science, Medicine and Society). Transferred to Archives Center July 8, 1997.

Related Archival Materials
The protein sequencer apparatus is located in the Division of Science Medicine, and Society.

Processing Information
Collection processed by Alison Oswald, 1997.

Preferred Citation

Restrictions
Collection is open for research.

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Biographical / Historical

The first complete chemical analysis of a protein's primary structure was done on a small protein, insulin, by Frederic Sanger at Cambridge University for which he received the first of his two Nobel Prizes in 1958. The second protein structure to be completely analyzed was ribonuclease, done in the U.S. by Stanford Moore and William Stein at Rockefeller University, 1960.

Scope and Contents

This videohistory documents the Moore-Stein Protein Sequencer. The sequencer enabled automatic analysis of protein structure and was the forerunner of the automated instruments essential to modern biotechnology.

Arrangement

Divided into 3 series: (1) Original videos; (2) Master videos; (3) Reference videos.

Names and Subject Terms

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

Subjects:
- Biochemistry
- Nobel Prizes
- Proteins -- Research

Types of Materials:
- Videotapes -- 1990-2000

Names:
- Beckman Instruments
- Jones, Wanda
- Manning, James
- Moore, Stanford
- Sanger, Frederick
- Stein, William
Container Listing

Series 1: Original Videos

Box 1 (Originals)
Series 2: Master Videos

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