



Lipmann (Fritz Albert) papers

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Rockefeller Archive Center

15 Dayton Avenue

Sleepy Hollow 10591

archive@rockarch.org

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Summary Information

| | |
|----------------------------------|---|
| Repository: | Rockefeller Archive Center |
| Creator - aut: | Lipmann, Fritz (Fritz Albert) |
| Title: | Fritz Albert Lipmann papers, Rockefeller University Faculty |
| ID: | FA123 |
| Date [inclusive]: | 1924-1986 |
| Physical Description: | 56.3 Cubic Feet |
| Language of the Material: | English |

Preferred Citation

Information regarding the Rockefeller Archive Center's preferred elements and forms of citation can be found at <http://www.rockarch.org/research/citations.php>

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Biographical/Historical note

Fritz Albert Lipmann, whose work gave scientists the basis for understanding how cells convert food into energy, was born in Koenigsberg, Germany on June 12, 1899. He earned an M. D. in 1924 and a Ph. D. in chemistry in 1927 at the University of Berlin. He joined Otto Meyerhof's group at the Kaiser Wilhelm Institute, first in Dahlem, then in Heidelberg and in 1930 he associated with Albert Fischer, whom he later followed to the Biological Institute of the Carlsberg Foundation in Copenhagen. Before leaving Germany for Copenhagen he spent the year 1931-1932 as a Rockefeller Foundation Fellow with PA Levene at The Rockefeller University, then known as The Rockefeller Institute for Medical Research.

In 1939 Dr. Lipmann came to the United States, to Vincent du Vigneaud's department at the Cornell Medical School. From 1941 until he joined The Rockefeller Institute in 1957, he was associated with the Massachusetts General Hospital and the Harvard Medical School, which in 1949 appointed him professor of biological chemistry. As a biochemist whose primary concern was the transmission, generation, and utilization of cellular energy, he proposed (in 1941) the concept of a metabolic dynamo by which energy-rich phosphate bonds continuously supply the energy needed for the work of building and repairing cells. In 1945 Lipmann isolated Coenzyme A and identified it as a key substance in the biosynthesis of a great

variety of cell constituents, including fatty acids, steroids, amino acids, hemoglobin and others. He found that it contained one of the B vitamins, pantothenic acid.

For this discovery of Coenzyme A and its recognition as one of the most important substances in body metabolism, Dr. Lipmann was awarded the Nobel Prize in Physiology or Medicine (along with Hans Krebs) in 1953. Dr. Lipmann moved to The Rockefeller Institute in 1957, becoming Professor Emeritus in 1970. At RU, he worked with charged tRNAs and moved into the field of elongation factors in ribosomal protein synthesis. EFTu and EFTs were discovered at the Rockefeller laboratory.

In 1966 President Johnson presented him with the National Medal of Science, the nation's highest award for scientific achievement, for his original discoveries of molecular mechanisms and his fundamental contributions to the conceptual structure of modern biochemistry. He received numerous other awards, including the Carl Neuberg Medal and the Mead Johnson Award. He was given honorary degrees from the University of Paris, Harvard University, the University of Chicago, the Albert Einstein College of Medicine, Brandeis University, Medizinische Hochschule (Hanover, Germany), the University of Copenhagen, and The Rockefeller University. In 1974, an annual Fritz Lipmann Lecture Series was established at the Max-Planck-Institut für Molekulare Genetik, in Berlin, by the Deutsche Gesellschaft für Biologische Chemie at the behest of his former students and colleagues. In 1975, he received the Orden Pour le mérite für Wissenschaften und Künste from President Walter Scheel of West Germany, in a ceremony held in Bonn. His professional memberships included the National Academy of Sciences, the Deutsche Akademie der Naturforscher Leopoldina in East Germany, a fellow of the Danish Royal Academy of Sciences, the New York Academy of Sciences, and a foreign member of the Royal Society in London.

Dr. Lipmann lectured widely and published numerous scientific articles, publishing at least one article for every year of his professional career, beginning in 1924 up to his death in 1986. He wrote an autobiography *The Wanderings of a Biochemist*, published by Wiley-Interscience, in 1971. Up until the time of his death, on July 24, 1986, at the age of 87, Dr. Lipmann was actively running a laboratory at The Rockefeller University and conducting research. In the last few years of his life, his research focused on the mechanism of protein synthesis.

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Scope and Contents

Types of records include: personal files, correspondence, lectures, notes, manuscripts, reprints, photographs, slides and audio-visual materials.

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Arrangement note

Arranged in chronological and alphabetical order.

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File Plan note

Former Classification: I 450 L667

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Administrative Information

Publication Statement

Rockefeller Archive Center

15 Dayton Avenue

Sleepy Hollow 10591

archive@rockarch.org

URL: <http://www.rockarch.org>

Revision Description

Paper finding aid converted to EAD/XML by AureXus in 2010. Imported into the Archvists' Toolkit by Becky Robbins. 4 August 2010

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Controlled Access Headings

- Life sciences
 - Biochemistry
 - Biology -- Research
 - Science -- Biological and Medical
 - Proteins -- Synthesis
 - Cell and biomolecular sciences
 - Proteins
 - Rockefeller University
 - Rockefeller Institute for Medical Research
-

Collection Inventory

Personal Files, 1924-1986

Physical Description: 1.75 Cubic Feet

Scope and Contents note

Includes award certificates, biographical material, magazines, a medal, telephone/calendar/address books.

Also includes: scroll from the Israel Biochemical Society; books: In Honoring We Are Honored A Brandeis University tribute to honorary degree recipients 1948-1963, and Roussel Uclaf, from France; Awards: Roswell Park Memorial Institute, 1980; medal, Paris 1979.

Arrangement note

Arranged in alphabetical and then in chronological order.

| Title/Description | Instances | |
|--|-----------|----------|
| American Academy of Arts and Sciences Nomination | box 1 | folder 1 |
| [magazines] | box 1 | folder 2 |
| [magazines] | box 1 | folder 3 |
| [various oversize documents] | box 1 | folder 4 |

| | | |
|--------------------------------|-------|-----------|
| Paris Match magazine | box 1 | folder 5 |
| [oversize photos] | box 1 | folder 6 |
| [large negatives] | box 1 | folder 7 |
| Lipmann Memorial Concert, 1986 | box 2 | folder 1 |
| Lipmann Memorial Concert, 1986 | box 2 | folder 2 |
| Lipmann biographical material | box 2 | folder 3 |
| Triangle magazine | box 2 | folder 4 |
| Lipmann Symposium | box 2 | folder 5 |
| South American trip, 1963 | box 2 | folder 6 |
| Lipmann laboratory blueprints | box 2 | folder 7 |
| Telephone address book | box 2 | folder 8 |
| [notebook] | box 2 | folder 9 |
| Degrees | box 2 | folder 10 |
| Giovannella slides | box 2 | folder 11 |
| Obituary materials | box 2 | folder 12 |
| Obituary materials | box 2 | folder 13 |
| Obituary materials | box 2 | folder 14 |
| Pasteur Anniversary | box 2 | folder 15 |
| Calendar/address books, 1957 | box 3 | folder 1 |
| Calendar/address books, 1958 | box 3 | folder 2 |
| Calendar/address books, 1959 | box 3 | folder 3 |
| Calendar/address books, 1960 | box 3 | folder 4 |
| Calendar/address books, 1961 | box 3 | folder 5 |
| Calendar/address books, 1962 | box 3 | folder 6 |
| Calendar/address books, 1963 | box 3 | folder 7 |
| Calendar/address books, 1964 | box 3 | folder 8 |
| Calendar/address books, 1965 | box 3 | folder 9 |
| Calendar/address books, 1966 | box 3 | folder 10 |
| Calendar/address books, 1967 | box 4 | folder 1 |
| Calendar/address books, 1968 | box 4 | folder 2 |
| Calendar/address books, 1969 | box 4 | folder 3 |
| Calendar/address books, 1970 | box 4 | folder 4 |

| | | |
|------------------------------|-------|----------|
| Calendar/address books, 1971 | box 4 | folder 5 |
| Calendar/address books, 1972 | box 4 | folder 6 |
| Calendar/address books, 1973 | box 4 | folder 7 |
| Calendar/address books, 1974 | box 4 | folder 8 |
| Calendar/address books, 1975 | box 4 | folder 9 |
| Calendar/address books, 1976 | box 5 | folder 1 |
| Calendar/address books, 1977 | box 5 | folder 2 |
| Calendar/address books, 1978 | box 5 | folder 3 |
| Calendar/address books, 1979 | box 5 | folder 4 |
| Calendar/address books, 1980 | box 5 | folder 5 |
| Calendar/address books, 1981 | box 5 | folder 6 |
| Calendar/address books, 1982 | box 5 | folder 7 |
| Calendar/address books, 1983 | box 5 | folder 8 |

Scope and Contents

1984 is not included in the collection.

| | | |
|------------------------------|-------|----------|
| Calendar/address books, 1985 | box 5 | folder 9 |
|------------------------------|-------|----------|

Scope and Contents

1984 is not included in the collection.

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Correspondence, 1950-1986

Physical Description: 13.25 Cubic Feet

Scope and Contents note

Includes both personal and professional correspondence.

Arrangement note

Arranged in chronological and then in alphabetical order.

| Title/Description | Instances | |
|--|-----------|----------|
| ["A"], 1950s | box 6 | folder 1 |
| Academic Press, 1950s | box 6 | folder 2 |
| American Society of Biological Chemists, 1950s | box 6 | folder 3 |
| American Society of Biological Chemists, 1950s | | |

| | | |
|--|-------|-----------|
| | box 6 | folder 4 |
| American Society of Biological Chemists, 1950s | box 6 | folder 5 |
| Archives of Biochemistry and Biophysics | box 6 | folder 6 |
| ["B"], 1950s | box 6 | folder 7 |
| ["B"], 1950s | box 6 | folder 8 |
| Baddiley, Dr. J. | box 6 | folder 9 |
| Bronk, Dr. Detlev | box 6 | folder 10 |
| ["C"], 1950s | box 6 | folder 11 |
| ["C"], 1950s | box 6 | folder 12 |
| Committee on Non-clinical Investigators | box 6 | folder 13 |
| ["D"], 1950s | box 7 | folder 1 |
| Dean Clark | box 7 | folder 2 |
| ["E"], 1950s | box 7 | folder 3 |
| ["F"], 1950s | box 7 | folder 4 |
| Furio D'Abramo | box 7 | folder 5 |
| ["G"], 1950s | box 7 | folder 6 |
| G. D. Novelli | box 7 | folder 7 |
| Gregory, J. D. | box 7 | folder 8 |
| Geller, David M. | box 7 | folder 9 |
| Gordon Conference | box 7 | folder 10 |
| ["H"], 1950s | box 7 | folder 11 |
| ["H"], 1950s | box 7 | folder 12 |
| Hotels | box 7 | folder 13 |
| ["I"], 1950s | box 7 | folder 14 |
| Israel material | box 7 | folder 15 |
| Interscience Publishers | box 7 | folder 16 |
| ["J"], 1950s | box 8 | folder 1 |
| J. D. Judah Fellowship | box 8 | folder 2 |
| Jones, Mary Ellen-Fellowship | box 8 | folder 3 |
| Journal of the American Chemical Society | box 8 | folder 4 |
| ["K"], 1950s | box 8 | folder 5 |
| ["K"], 1950s | box 8 | folder 6 |

| | | |
|------------------------------|--------|-----------|
| ["L"], 1950s | box 8 | folder 7 |
| ["L"], 1950s | box 8 | folder 8 |
| ["M"], 1950s | box 8 | folder 9 |
| ["M"], 1950s | box 8 | folder 10 |
| Mager-Magnes Scholarship | box 9 | folder 1 |
| ["N"], 1950s | box 9 | folder 2 |
| National Academy of Sciences | box 9 | folder 3 |
| Nobel letters | box 9 | folder 4 |
| Nose, Yoshitsugu | box 9 | folder 5 |
| Nozaki | box 9 | folder 6 |
| ["O"], 1950s | box 9 | folder 7 |
| Ottawa | box 9 | folder 8 |
| ["P"], 1950s | box 9 | folder 9 |
| ["P"], 1950s | box 9 | folder 10 |
| Peck, Harry D. | box 9 | folder 11 |
| Pound Bill | box 9 | folder 12 |
| ["Q"], 1950s | box 9 | folder 13 |
| Rabinowitz, Murray | box 9 | folder 14 |
| Rhode Island Symposium | box 9 | folder 15 |
| Robbins, Phillips W. | box 9 | folder 16 |
| Rockefeller Foundation | box 9 | folder 17 |
| Rockefeller Institute | box 9 | folder 18 |
| ["S"], 1950s | box 10 | folder 1 |
| ["S"], 1950s | box 10 | folder 2 |
| Sharon, Nathan | box 10 | folder 3 |
| Szilard, P. | box 10 | folder 4 |
| ["T"], 1950s | box 10 | folder 5 |
| Tax information | box 10 | folder 6 |
| Travel expense sheets | box 10 | folder 7 |
| Travel information | box 10 | folder 8 |
| ["U"], 1950s | box 10 | folder 9 |
| ["V"], 1950s | box 10 | folder 10 |

| | | |
|---|--------|-----------|
| Vogue magazine material | box 10 | folder 11 |
| ["W"], 1950s | box 10 | folder 12 |
| ["W"], 1950s | box 10 | folder 13 |
| Weber, H. H. | box 10 | folder 14 |
| Weiss, Samuel | box 10 | folder 15 |
| ["X-Y-Z"] | box 10 | folder 16 |
| ["A"], 1957-1960 | box 11 | folder 1 |
| Acs, George | box 11 | folder 2 |
| American Society of Biological Chemists | box 11 | folder 3 |
| Archives of Biochemistry and Biophysics | box 11 | folder 4 |
| ["B"], 1957-1960 | box 11 | folder 5 |
| ["B"], 1957-1960 | box 11 | folder 6 |
| Bates, Harold M. | box 11 | folder 7 |
| Brandeis University | box 11 | folder 8 |
| Brode, Dr. Wallace R. | box 11 | folder 9 |
| ["C"], 1957-1960 | box 11 | folder 10 |
| ["C"], 1957-1960 | box 11 | folder 11 |
| Cahn, Max L. | box 11 | folder 12 |
| Calif. visit | box 11 | folder 13 |
| Christmas cards | box 11 | folder 14 |
| ["D"], 1957-1960 | box 12 | folder 1 |
| Delbruck, Axel | box 12 | folder 2 |
| Democratic Advisory Committee | box 12 | folder 3 |
| ["E"], 1957-1960 | box 12 | folder 4 |
| European Chemists | box 12 | folder 5 |
| ["F"], 1957-1960 | box 12 | folder 6 |
| Federation meetings | box 12 | folder 7 |
| Federation of American Societies for Experimental Biology | box 12 | folder 8 |
| ["G"], 1957-1960 | box 12 | folder 9 |
| ["G"], 1957-1960 | box 12 | folder 10 |
| Gunther vs. Ehrenstein | box 12 | folder 11 |
| ["H"], 1957-1960 | box 12 | folder 12 |

| | | |
|------------------------------|--------|-----------|
| ["H"], 1957-1960 | box 12 | folder 13 |
| Hartmann, Guido | box 12 | folder 14 |
| Hasegawa, Eiichi | box 12 | folder 15 |
| Hulsmann, W. C. | box 12 | folder 16 |
| ["I"], 1957-1960 | box 13 | folder 1 |
| ["J"], 1957-1960 | box 13 | folder 2 |
| Japanese Biochemical Society | box 13 | folder 3 |
| ["K"], 1957-1960 | box 13 | folder 4 |
| ["K"], 1957-1960 | box 13 | folder 5 |
| Kaplan | box 13 | folder 6 |
| Khorana, H. G. | box 13 | folder 7 |
| ["L"], 1957-1960 | box 13 | folder 8 |
| Lane | box 13 | folder 9 |
| ["M"], 1957-1960 | box 13 | folder 10 |
| ["M"], 1957-1960 | box 13 | folder 11 |
| McCorquodale & Shapira | box 13 | folder 12 |
| Meyer, Karl | box 13 | folder 13 |
| Monro, Robin | box 13 | folder 14 |
| ["N"], 1957-1960 | box 13 | folder 15 |
| Netherlands Symposium | box 13 | folder 16 |
| New York Academy meeting | box 14 | folder 1 |
| ["O"], 1957-1960 | box 14 | folder 2 |
| Oak Ridge Symposium | box 14 | folder 3 |
| ["P"], 1957-1960 | box 14 | folder 4 |
| Petrack, Barbara | box 14 | folder 5 |
| ["R"], 1957-1960 | box 14 | folder 6 |
| ["S"], 1957-1960 | box 14 | folder 7 |
| ["S"], 1957-1960 | box 14 | folder 8 |
| ["S"], 1957-1960 | box 14 | folder 9 |
| Szafranski Przemyslaw | box 14 | folder 10 |
| ["T"], 1957-1960 | box 14 | folder 11 |
| Takeda, Masao | box 14 | folder 12 |

| | | |
|---|--------|-----------|
| Traut, R. R. | box 14 | folder 13 |
| ["U-V"], 1957-1960 | box 14 | folder 14 |
| ["W"], 1957-1960 | box 14 | folder 15 |
| ["W"], 1957-1960 | box 14 | folder 16 |
| ["X-Y-Z"], 1957-1960 | box 14 | folder 17 |
| Zubay, Geoffrey | box 14 | folder 18 |
| ["A"], 1961-1964 | box 15 | folder 1 |
| ["A"], 1961-1964 | box 15 | folder 2 |
| Allende, Jorge E. | box 15 | folder 3 |
| ["B"], 1961-1964 | box 15 | folder 4 |
| ["B"], 1961-1964 | box 15 | folder 5 |
| ["B"], 1961-1964 | box 15 | folder 6 |
| Baschang, Gerhard | box 15 | folder 7 |
| Bloemendal, H. | box 15 | folder 8 |
| Brandeis University | box 15 | folder 9 |
| ["C"], 1961-1964 | box 15 | folder 10 |
| Chapeville, F. | box 15 | folder 11 |
| Conway, Thomas W. | box 15 | folder 12 |
| ["D"], 1961-1964 | box 15 | folder 13 |
| ["E"], 1961-1964 | box 15 | folder 14 |
| Ebashi, Setsuro | box 16 | folder 1 |
| Engstrom, Lorentz | box 16 | folder 2 |
| ["F"], 1961-1964 | box 16 | folder 3 |
| ["G"], 1961-1964 | box 16 | folder 4 |
| ["G"], 1961-1964 | box 16 | folder 5 |
| Gerlach, Ulrich | box 16 | folder 6 |
| Government inquiry into scientific spending | box 16 | folder 7 |
| ["H"], 1961-1964 | box 16 | folder 8 |
| ["H"], 1961-1964 | box 16 | folder 9 |
| Henry, Jean-Charles | box 16 | folder 10 |
| Hierowski, Marian | box 16 | folder 11 |
| ["I"], 1961-1964 | box 16 | folder 12 |

| | | |
|--|--------|-----------|
| ["J"], 1961-1964 | box 16 | folder 13 |
| Journal of Biological Chemistry | box 16 | folder 14 |
| Journal of the American Chemical Society | box 16 | folder 15 |
| ["K"], 1961-1964 | box 16 | folder 16 |
| ["K"], 1961-1964 | box 16 | folder 17 |
| Kuncan, Zeljko | box 17 | folder 1 |
| ["L"], 1961-1964 | box 17 | folder 2 |
| ["L"], 1961-1964 | box 17 | folder 3 |
| Langan, Thomas | box 17 | folder 4 |
| ["M"], 1961-1964 | box 17 | folder 5 |
| ["M"], 1961-1964 | box 17 | folder 6 |
| Mano, Yoshitake | box 17 | folder 7 |
| M-RNA | box 17 | folder 8 |
| Miscellaneous | box 17 | folder 9 |
| ["N"], 1961-1964 | box 17 | folder 10 |
| ["N"], 1961-1964 | box 17 | folder 11 |
| Nathans, Daniel | box 17 | folder 12 |
| Newberg Medal Committee | box 17 | folder 13 |
| ["O"], 1961-1964 | box 17 | folder 14 |
| Ofengand, James | box 17 | folder 15 |
| ["P"], 1961-1964 | box 18 | folder 1 |
| ["P"], 1961-1964 | box 18 | folder 2 |
| ["R"], 1961-1964 | box 18 | folder 3 |
| ["R"], 1961-1964 | box 18 | folder 4 |
| ["S"], 1961-1964 | box 18 | folder 5 |
| ["S"], 1961-1964 | box 18 | folder 6 |
| ["S"], 1961-1964 | box 18 | folder 7 |
| ["S"], 1961-1964 | box 18 | folder 8 |
| ["S"], 1961-1964 | box 18 | folder 9 |
| ["T"], 1961-1964 | box 18 | folder 10 |
| ["U"], 1961-1964 | box 18 | folder 11 |
| ["V"], 1961-1964 | box 18 | folder 12 |

| | | |
|----------------------------------|--------|-----------|
| ["W"], 1961-1964 | box 18 | folder 13 |
| ["W"], 1961-1964 | box 18 | folder 14 |
| ["X-Y-Z"], 1961-1964 | box 18 | folder 15 |
| ["A"], 1965-1968 | box 19 | folder 1 |
| ["A"], 1965-1968 | box 19 | folder 2 |
| Applications for laboratory work | box 19 | folder 3 |
| Applications for laboratory work | box 19 | folder 4 |
| Applications for laboratory work | box 19 | folder 5 |
| ["B"], 1965-1968 | box 19 | folder 6 |
| ["B"], 1965-1968 | box 19 | folder 7 |
| ["B"], 1965-1968 | box 19 | folder 8 |
| Bennett, Peter | box 19 | folder 9 |
| Biochemistry | box 19 | folder 10 |
| Biochemistry manuscript review | box 19 | folder 11 |
| Biography | box 20 | folder 1 |
| Brandeis University | box 20 | folder 2 |
| ["C"], 1965-1968 | box 20 | folder 3 |
| ["C"], 1965-1968 | box 20 | folder 4 |
| Chemical Sciences Committee | box 20 | folder 5 |
| Chile correspondence | box 20 | folder 6 |
| Clark, John M., Jr. | box 20 | folder 7 |
| Coenzyme A article | box 20 | folder 8 |
| Cold Spring Harbor Symposium | box 20 | folder 9 |
| ["D"], 1965-1968 | box 20 | folder 10 |
| Biography | box 20 | folder 11 |
| Brandeis University | box 20 | folder 12 |
| ["C"], 1965-1968 | box 20 | folder 13 |
| ["C"], 1965-1968 | box 20 | folder 14 |
| Chemical Sciences Committee | box 20 | folder 15 |
| Chile correspondence | box 20 | folder 16 |
| Clark, John M., Jr. | box 20 | folder 17 |
| Coenzyme A article | box 20 | folder 18 |

| | | |
|---|--------|-----------|
| Cold Spring Harbor Symposium | box 20 | folder 19 |
| ["D"], 1965-1968 | box 20 | folder 20 |
| ["E"], 1965-1968 | box 20 | folder 21 |
| ["F"], 1965-1968 | box 21 | folder 1 |
| Faculty Committee on Organic and Biochemistry | box 21 | folder 2 |
| Faculty Committee on Organic and Biochemistry | box 21 | folder 3 |
| Federation meeting, 1966 | box 21 | folder 4 |
| Federation meeting, 1967 | box 21 | folder 5 |
| Felicetti, Luciano | box 21 | folder 6 |
| Fleissner, Erwin | box 21 | folder 7 |
| ["G"], 1965-1968 | box 21 | folder 8 |
| ["G"], 1965-1968 | box 21 | folder 9 |
| German visit | box 21 | folder 10 |
| Gordon conference, 1965 | box 21 | folder 11 |
| Gordon conference, 1967 | box 21 | folder 12 |
| Gottesman, Max | box 21 | folder 13 |
| ["H"], 1965-1968 | box 21 | folder 14 |
| ["H"], 1965-1968 | box 21 | folder 15 |
| ["H"], 1965-1968 | box 21 | folder 16 |
| Hadjiolov, A. A. | box 22 | folder 1 |
| Hebrew University | box 22 | folder 2 |
| Honors, 1966 | box 22 | folder 3 |
| ["I"], 1965-1968 | box 22 | folder 4 |
| Ilan, Joseph | box 22 | folder 5 |
| Information Exchange Group | box 22 | folder 6 |
| Israel, 1966 | box 22 | folder 7 |
| ["J"], 1965-1968 | box 22 | folder 8 |
| Job opportunities | box 22 | folder 9 |
| ["K"], 1965-1968 | box 22 | folder 10 |
| ["L"], 1965-1968 | box 22 | folder 11 |
| ["L"], 1965-1968 | box 22 | folder 12 |
| Laskin Award | box 22 | folder 13 |

| | | |
|--|--------|-----------|
| Lectures committee | box 22 | folder 14 |
| Lindau meeting | box 22 | folder 15 |
| ["M"], 1965-1968 | box 22 | folder 16 |
| ["M"], 1965-1968 | box 22 | folder 17 |
| McClellan Hospital Scientific Advisory Committee | box 23 | folder 1 |
| McClellan Hospital Scientific Advisory Committee | box 23 | folder 2 |
| Marchis-Moucen, Guy | box 23 | folder 3 |
| Moroz, Leonard | box 23 | folder 4 |
| ["N"], 1965-1968 | box 23 | folder 5 |
| Nakamoto, Tokumasa | box 23 | folder 6 |
| Naples and Germany | box 23 | folder 7 |
| National Medal of Science | box 23 | folder 8 |
| Nishizuka, Yasutomi | box 23 | folder 9 |
| ["O"], 1965-1968 | box 23 | folder 10 |
| Orrego, Fernando | box 23 | folder 11 |
| ["P"], 1965-1968 | box 23 | folder 12 |
| Pathology conference, 1967 | box 23 | folder 13 |
| ["Q"], 1965-1968 | box 23 | folder 14 |
| ["R"], 1965-1968 | box 23 | folder 15 |
| ["S"], 1965-1968 | box 24 | folder 1 |
| ["S"], 1965-1968 | box 24 | folder 2 |
| Scher, William | box 24 | folder 3 |
| Seventh International Congress of Biochemistry | box 24 | folder 4 |
| ["T"], 1965-1968 | box 24 | folder 5 |
| ["U"], 1965-1968 | box 24 | folder 6 |
| Ureta, Tito | box 24 | folder 7 |
| ["V"], 1965-1968 | box 24 | folder 8 |
| ["W"], 1965-1968 | box 24 | folder 9 |
| ["W"], 1965-1968 | box 24 | folder 10 |
| Wakabayashi, Kazuhiko | box 24 | folder 11 |
| Yu, Chuan-Tao | box 24 | folder 12 |
| ["X-Y-Z"], 1965-1968 | box 24 | folder 13 |

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|---|--------|-----------|
| ["A"], 1969-1970 | box 25 | folder 1 |
| Applications for laboratory work | box 25 | folder 2 |
| ["B"], 1969-1970 | box 25 | folder 3 |
| ["B"], 1969-1970 | box 25 | folder 4 |
| Biochemistry | box 25 | folder 5 |
| Biochemistry | box 25 | folder 6 |
| Brazil letters | box 25 | folder 7 |
| ["C"], 1969-1970 | box 25 | folder 8 |
| Cold Spring Harbor Symposium | box 25 | folder 9 |
| Cooper, David | box 25 | folder 10 |
| Copenhagen, 1968 | box 25 | folder 11 |
| ["D"], 1969-1970 | box 25 | folder 12 |
| ["E"], 1969-1970 | box 25 | folder 13 |
| Eighth International Congress on Biochemistry | box 25 | folder 14 |
| Eighth International Congress on Biochemistry | box 25 | folder 15 |
| ["F"], 1969-1970 | box 26 | folder 1 |
| ["F"], 1969-1970 | box 26 | folder 2 |
| Family of Man Awards | box 26 | folder 3 |
| FEBS meeting | box 26 | folder 4 |
| Federal support of science | box 26 | folder 5 |
| Fox, J. Lawrence | box 26 | folder 6 |
| France | box 26 | folder 7 |
| ["G"], 1969-1970 | box 26 | folder 8 |
| Ganoza, M. Clelia | box 26 | folder 9 |
| Germany, 1969 July | box 26 | folder 10 |
| Gevers, Wieland | box 26 | folder 11 |
| Gold, Lawrence | box 26 | folder 12 |
| ["H"], 1969-1970 | box 27 | folder 1 |
| ["H"], 1969-1970 | box 27 | folder 2 |
| Haenni, Ann-Lise | box 27 | folder 3 |
| Herrlich, Peter | box 27 | folder 4 |
| Hirsh, David | box 27 | folder 5 |

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| Huberman, Alberto | box 27 | folder 6 |
| ["I"], 1969-1970 | box 27 | folder 7 |
| ["J"], 1969-1970 | box 27 | folder 8 |
| ["K"], 1969-1970 | box 27 | folder 9 |
| ["K"], 1969-1970 | box 27 | folder 10 |
| Kamer, Martin | box 27 | folder 11 |
| Kaplan, N. O. | box 27 | folder 12 |
| Khorana, H. G. | box 27 | folder 13 |
| Krisko, Istvan | box 27 | folder 14 |
| ["L"], 1969-1970 | box 28 | folder 1 |
| ["L"], 1969-1970 | box 28 | folder 2 |
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Physical Description: 1 Cubic Feet

Scope and Contents note

Includes correspondence, lecture notes and transcripts, travel notes.

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Manuscripts and Notes, 1930-1985

Physical Description: 17 Cubic Feet

Scope and Contents note

Correspondence, notes, rough drafts of published articles and autobiography.

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Laboratory Files, 1930-1985

Physical Description: 10 Cubic Feet

Scope and Contents note

Information on grants and grant applications, notes on laboratory experiments, receipts for laboratory purchases and travel expenses, records of laboratory personnel and students.

Arrangement note

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Professional Societies, 1957-1979

Physical Description: 6 Cubic Feet

Scope and Contents note

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| National Institute of Health grant | box 144 | folder 1 |
| National Institute of Health application | box 144 | folder 2 |
| National Institute of Health grants, 1957-1958 | box 144 | folder 3 |
| National Institute of Health grant number 13972-16 | box 144 | folder 4 |
| National Institute of Health grant number 13972-17 | box 144 | folder 5 |
| National Institute of Health grant number 13972-18 | box 144 | folder 6 |
| National Institute of Health grant number 13972-19 | box 144 | folder 7 |
| National Institute of Health grant number 13972-20 | box 144 | folder 8 |
| National Institute of Health grant number 13972-21 | box 144 | folder 9 |
| National Institute of Health grant information | box 144 | folder 10 |
| National Institute of Health Gregory grant | box 144 | folder 11 |
| National Science Foundation Continuation grant | box 144 | folder 12 |
| National Science Foundation grant application | box 144 | folder 13 |
| National Science Foundation grant application | box 145 | folder 1 |
| National Science Foundation grants | box 145 | folder 2 |
| National Science Foundation Interdisciplinary Enzyme Group | box 145 | folder 3 |
| National Science Foundation grants, 1957-1962 | box 145 | folder 4 |
| National Science Foundation meeting, 1957 October 25-26 | box 145 | folder 5 |
| National Science Foundation meeting expenses | box 145 | folder 6 |
| National Science Foundation, 1958-1960 | box 145 | folder 7 |
| National Science Foundation, 1958-1960 | box 145 | folder 8 |
| National Science Foundation, 1958-1960 | box 145 | folder 9 |
| National Science Foundation, 1961 | box 146 | folder 1 |
| National Science Foundation, 1962 | box 146 | folder 2 |
| National Science Foundation, 1963 | box 146 | folder 3 |
| National Science Foundation, 1964 | box 146 | folder 4 |

| | | |
|--|---------|-----------|
| National Science Foundation, 1965 | box 146 | folder 5 |
| National Science Foundation, 1965 | box 146 | folder 6 |
| National Science Foundation, 1966 | box 146 | folder 7 |
| National Science Foundation, 1967 | box 146 | folder 8 |
| National Science Foundation, 1967 | box 146 | folder 9 |
| National Science Foundation, 1967 | box 146 | folder 10 |
| National Science Foundation, 1968 | box 146 | folder 11 |
| National Science Foundation, 1968 | box 146 | folder 12 |
| National Science Foundation, 1968 | box 146 | folder 13 |
| National Science Foundation, 1969-1970 | box 147 | folder 1 |
| National Science Foundation, 1969-1970 | box 147 | folder 2 |
| National Science Foundation, 1969-1970 | box 147 | folder 3 |
| National Science Foundation, 1971 | box 147 | folder 4 |
| National Science Foundation, 1971 | box 147 | folder 5 |
| National Science Foundation, 1972 | box 147 | folder 6 |
| National Science Foundation, 1973 | box 147 | folder 7 |
| National Science Foundation, 1974 | box 147 | folder 8 |
| National Science Foundation, 1974 | box 147 | folder 9 |
| National Science Foundation, 1974 | box 147 | folder 10 |
| National Science Foundation, 1982-1986 | box 147 | folder 11 |
| National Science Foundation, 1982-1986 | box 147 | folder 12 |
| New York Academy of Sciences | box 148 | folder 1 |
| New York Academy of Sciences, 1968 | box 148 | folder 2 |
| Philosophical Society | box 148 | folder 3 |
| Pontifical Academy of Sciences meeting Rome | box 148 | folder 4 |
| Pontifical Academy of Sciences meeting Rome | box 148 | folder 5 |
| Royal Society London | box 148 | folder 6 |
| Royal Society anniversary meeting, 1963 November | box 148 | folder 7 |
| Rockefeller University Press | box 148 | folder 8 |
| Shouldice Hospital (hernia operation) | box 148 | folder 9 |
| Sixth International Congress of Biochemistry | box 148 | folder 10 |
| Sixth International Congress of Biochemistry | box 148 | folder 11 |

| | | |
|--|---------|-----------|
| Sixth International Congress of Biochemistry | box 148 | folder 12 |
| Symposium on enzyme chemistry | box 148 | folder 13 |
| Vienna Congress, 1958 September | box 148 | folder 14 |

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Nobel Prize Files, 1953

Physical Description: 0.33 Cubic Feet

Scope and Contents note

Includes biographical material, congratulations correspondence, newspaper clippings, photographs, press releases.

Arrangement note

Arranged by subject.

| Title/Description | Instances | |
|----------------------------------|-----------|----------|
| Nobel Prize biography | box 149 | folder 1 |
| [Nobel Prize booklets] | box 149 | folder 2 |
| Nobel Prize Ceremony Photographs | box 149 | folder 3 |
| Nobel Prize Ceremony Photographs | box 149 | folder 4 |
| Nobel Prize clippings | box 149 | folder 5 |
| Nobel Prize correspondence | box 149 | folder 6 |
| [Nobel Prize miscellaneous] | box 149 | folder 7 |
| Nobel Prize press releases | box 149 | folder 8 |

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Photographs, 1930-1986

Physical Description: 0.33 Cubic Feet

Scope and Contents note

Includes photographs spanning Dr Lipmann's entire career, from 1930 in Germany up to a few months before his death. Subjects include awards ceremonies, colleagues, formal portraits, informal shots, laboratory groups, lectures, parties, vacations.

Arrangement note

Arranged in alphabetical order by subject; many photos not dated or identified.

| Title/Description | Instances | |
|-------------------|-----------|--|
|-------------------|-----------|--|

| | | |
|---|---------|-----------|
| 1963 | box 150 | folder 1 |
| Madrid, 1969 | box 150 | folder 2 |
| [meeting], 1970s | box 150 | folder 3 |
| Awards ceremonies | box 150 | folder 4 |
| Bethesda meeting, Spring 1982 | box 150 | folder 5 |
| Brandeis Graduation, 1959 | box 150 | folder 6 |
| Brandeis University symposium, 1982 June | box 150 | folder 7 |
| Campus views | box 150 | folder 8 |
| Christmas party, 1978 | box 150 | folder 9 |
| Colleagues | box 150 | folder 10 |
| Colleagues, 1970 | box 150 | folder 11 |
| Colleagues group shots | box 150 | folder 12 |
| Copenhagen laboratory, 1930s-1940s | box 150 | folder 13 |
| FASEB meeting | box 150 | folder 14 |
| Gene expression work session, 1966 November 20-22 | box 150 | folder 15 |
| Informal shots | box 150 | folder 16 |
| Israel meeting | box 150 | folder 17 |
| Kyoto, Japan | box 150 | folder 18 |
| Laboratory and others | box 150 | folder 19 |
| Lindau conference | box 150 | folder 20 |
| Lipmann Eighty-second birthday party | box 150 | folder 21 |
| Lipmann Eighty-fifth birthday party Japan | box 150 | folder 22 |
| Lipmann laboratory | box 150 | folder 23 |
| Lipmann picnic | box 150 | folder 24 |
| Luncheon in Squibb Park, 1954 June 8 | box 150 | folder 25 |
| [meeting], circa late 1950s-early 1960s | box 150 | folder 26 |
| New Brunswick, New Jersey, 1953 September 18 | box 150 | folder 27 |
| New Hampton School, 1958 June 16-20 | box 150 | folder 28 |
| Paris meeting | box 150 | folder 29 |
| Portraits | box 150 | folder 30 |
| Protein metabolism symposium, 1968 April | box 150 | folder 31 |
| Rockefeller University graduation, 1964-1965 | box 150 | folder 32 |

| | | |
|---|---------|-----------|
| Sixth International Biochemistry Congress, 1964 | box 150 | folder 33 |
| Strasbourg, 1981 September 23 | box 150 | folder 34 |
| Symposium 1969 Cold Spring Harbor, 1969 | box 150 | folder 35 |
| Symposium on protein synthesis | box 150 | folder 36 |
| Vatican meetings, 1961 | box 150 | folder 37 |

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Rolodex Files, 1950s

Physical Description: 0.33 Cubic Feet

Scope and Contents

Includes one file with names and addresses of colleagues. Second file contains list of colleagues to be sent reprints.

Rolodex file cards, 3 x 5, containing hundreds of addresses.

Arrangement

Arranged in alphabetical order.

| Title/Description | Instances |
|----------------------|-----------|
| Rolodex Files, 1950s | box 151 |

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Slides, undated (probably 1960s)

Physical Description: 2 Cubic Feet

Scope and Contents

Slides consist of scientific drawings, graphs and microscopic photographs. Probably used in conjunction with lectures and publications.

Hundreds of slides of scientific photographs, drawings and graphs none identified.

Arrangement

Arranged as found; none are identified or dated.

| Title/Description | Instances |
|---------------------------------|-----------|
| Slides, undated: probably 1960s | box 153 |

box 155

box 154

box 156

box 157

box 152

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Negatives, 1950s

Physical Description: 1 Cubic Feet

Arrangement

Arranged as found; many not identified or dated.

Scope and Contents

Negatives of drawings, graphs and microscopic photographs used in articles and slides.

Hundreds of negatives used to make slides and reproduce scientific illustrations none identified.

| Title/Description | Instances |
|-------------------|-----------|
| Negatives, 1950s | box 158 |
| | box 159 |
| | box 160 |

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Lipmann Reprints, 1924-1985

Physical Description: 2.5 Cubic Feet

Scope and Contents note

Includes at least one copy (with a few exceptions) of every article Dr. Lipmann published. Two copies are included for the majority of articles, although with earlier articles only one copy could be found.

Arrangement note

Arranged in chronological order.

| Title/Description | Instances |
|---|-----------|
| Lipmann reprints 1-90, two bound volumes | box 161 |
| Lipmann reprints 91-166, two bound volumes | box 162 |
| Lipmann reprints 167-272, two bound volumes | box 163 |

| | | |
|---|---------|----------|
| Lipmann reprints 273-330, two bound volumes | box 164 | |
| Lipmann reprints 331-399, one bound volume | box 165 | |
| Lipmann reprints 400-449, one bound volume | box 166 | |
| unbound single copy article reprints - 13, 17, 49, 51, 64, 123, 141, 149, 153, 173, 174, 175, 176, 183, 185, 206, 207 | box 167 | folder 1 |
| unbound single copy article reprints - 227, 227a, 230, 232, 236, 237, 241, 243a, 249, 255, 258, 262, 263, 265 | box 167 | folder 2 |
| unbound single copy article reprints - 267, 270, 271, 273, 282, 283, 293, 298, 299 | box 167 | folder 3 |
| unbound single copy article reprints - 301, 302, 305, 311-313, 316, 317, 320-322, 328, 345, 355, 364, 367a, 370, 374, 375 | box 167 | folder 4 |
| unbound single copy article reprints - 382 (e & f), 388, 408-412, 413, 414-415 | box 167 | folder 5 |
| unbound single copy article reprints - 386, 394, 397, 416-420, 421b, 422-425 | box 168 | folder 1 |
| unbound single copy article reprints - 427-431, 433-434, 435 (b & c), 436 | box 168 | folder 2 |
| unbound single copy article reprints - 437-446, 448 | box 168 | folder 3 |
| unbound single copy article reprints - 449-457, 459-465 | box 168 | folder 4 |
| unbound single copy article reprints - 466-479 | box 168 | folder 5 |
| unbound single copy article reprints - 480-483, 485-493 | box 168 | folder 6 |
| unbound single copy article reprints - 494-516 | box 168 | folder 7 |
| Bibliography of Reprints | box 168 | folder 8 |

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Audio-visual Material, various; 1960

Physical Description: 0.75 Cubic Feet

Scope and Contents note

Various audio-visual material: audio reels, cassettes and film reels. Audio cassettes contain recordings of Dr Lipmann giving lectures in San Francisco and Harvard. Other media not identified.

| Title/Description | Instances |
|-------------------|-----------|
| audio cassettes | box 169 |

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to obsolete media, due to the specialized equipment necessary to facilitate playback.

When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

unidentified

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

San Francisco lecture 4 Part one, 1972 January 27

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

San Francisco lecture 4 Part two, 1972 January 27

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

San Francisco lecture 5, 1972 February 3

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

First lecture, 1972 January 6

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

Second lecture, 1972 January 13

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

Third lecture, 1972 January 20

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

Biochemistry lecture, 1972 March 2

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

microfilm

box 169

reels: Cambridge University Library, PAD 4671, A. Sarabhai,
176 exposures Negative of Sarabhai thesis, 1969 April 3

canister: Chantrenne notebook microfilm, 1950

audio reels

box 169

Israel lectures, 1966 April-May

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

Chemistry of Molecular Nitrogen by George W Parshall

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

video reel: unidentified

box 169

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

audio cassettes

box 170

unidentified

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

Cleveland lecture, October 1973, with handwritten transcription/
notes, 1973 October

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will

apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

Lecture, 1972 March 9

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

San Francisco lecture six, 1972 February 10

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

audio reel

box 170

Rockefeller University talk, 1967 May

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

Columbia talk, 1962 October

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

Caspary talk, 1971 April 6

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

audio spool: unidentified

box 170

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

film reel: Biosynthesis of Gramicidan S. by Fritz Lipmann

box 170

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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