

MS 001

J. Craig Venter Institute Archives
4120 Capricorn Lane
La Jolla, California, 90237

Title: J. Craig Venter Institute History of Molecular Biology Collection

Identifier/Call Number: MS 001

Contributing Institution: J. Craig Venter Institute Archives

Language of Material: English

Physical Description: 50.0 Linear feet(100 boxes, 1 flat box, 1 crate)

Date (bulk): Bulk, 1950-1970

Date (inclusive): 1909-2000

Abstract: Collection contains the personal papers of distinguished scientists and Nobel Laureates in molecular biology and allied fields. Materials were collected by Jeremy Norman and his colleague Al Seckel from 1999-2002 and acquired by the J. Craig Venter Institute in 2005. This collection includes a comprehensive array of documents and artifacts marking significant milestones in the history of molecular biology from the discovery of DNA's double helix structure to related discoveries and developments that form the foundation of molecular biology. Included in the collection are archival materials from Sydney Brenner, Francis Crick, James Watson, Max Delbruck, Rosalind Franklin, Aaron Klug, Linus and Peter Pauling, Max Perutz, and Maurice Wilkins, among others. The materials highlight the relationships, dynamics, and roles these individuals played in the discovery of the DNA structure as well as provides historical context for the discovery of the structure of RNA, transfer RNA, messenger RNA, various viruses and biologically important proteins.

Language of Materials note: Materials in the collection are in English, French, German, Italian, and Norwegian.

creator: Norman, Jeremy M.

Access

This collection is open for research. Original audio visual materials are restricted due to condition, access copies are available for use.

Publication Rights

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Processing History

Processed by Chrystal Carpenter, 2013

Preferred Citation note

JCVI History of Molecular Biology Collection (MS 001), J. Craig Venter Institute.

Historical & Biographical note

The J. Craig Venter Institute History of Molecular Biology Collection was purchased in its entirety by the J. Craig Venter Institute in August 2005. The collection was assembled by Jeremy Norman and his associate Al Seckel from early 1999 to late 2002 for the purpose of documenting the formative period of molecular biology. During this time the collection was known as the Norman collection on the history of molecular biology. Norman and Seckel acquired personal papers of Donald Caspar, Max Delbruck, Maurice Fox, Bruce Fraser, Sven Furberg, Raymond Gosling, Rollin Hotchkiss, Horace Judson, Aaron Klug, Vittorio Luzzati, Max Perutz, Maurice Wilkins, and Herbert Wilson among others. Within these personal collections materials created by other prominent scientists and Nobel laureates can be found, including five boxes of Rosalind Franklin's personal papers, acquired with the Aaron Klug papers. Other personal papers within these acquisitions include materials created by Francis Crick and James Watson, Sydney Brenner, Dorothy Crowfoot Hodgkin, John Kendrew, Barbara McClintock, Linus and Peter Pauling, and Robert Corey, as well as Leo Szilard. Norman and Seckel also acquired select items which were not part of any individuals' personal papers. Provenance of some individual items is difficult to track. In many instances offprints and reprints will include the original owners' stamp or signature. Many signatures are contemporary to the item, but on occasion signatures were added by the creators' in the early 2000s. Together these materials form the J. Craig Venter Institute History of Molecular Biology Collection.

Brief biographical notes on primary individuals held in the collection are as follows:

Sydney Brenner was born in Germiston, South Africa on January 13, 1927 to Lena (Blacher) and Morris Brenner, both Jewish immigrants from Eastern Europe. Brenner, a biologist/geneticist made significant contributions to work on the genetic code and other areas of molecular biology. In 2002 he won a Nobel Prize in Physiology or Medicine along with H. Robert Horvitz and John Sulston for their discoveries concerning genetic regulation of organ development and programmed cell death.

Francis H. C. Crick was born in Weston Favell, Northampton, England on June 8, 1916 to Annie Elizabeth Wilkins and Harry Crick. Crick, a neuroscientist and molecular biologist is widely known for being a co-discoverer of the structure of DNA. He,

along with James D. Watson and Maurice Wilkins were jointly awarded the 1962 Nobel Prize for Physiology or Medicine for their discoveries concerning the molecular structure of nucleic acids and its significance for information transfer in living material. Crick died on July 28, 2004.

Max Ludwig Hanning Delbruck was born in Berlin, Germany on September 4, 1906 to Liana Tiersch Delbruck and Hans Delbruck. Delbruck a German-American biophysicist made significant contributions to the study of bacteriophages. In 1969 he won a Nobel Prize for Physiology or Medicine along with Alfred D. Hershey and Salvador E. Luria for their discoveries concerning the replication mechanism and the genetic structure of viruses. He died on March 9, 1981.

Maurice Stanford Fox was born in New York City on October 11, 1924 to Russian Jewish immigrants. Fox, a geneticist and molecular biologist made significant contributions in understanding mechanisms of genetic modification. Fox, professor Emeritus of Biology at Massachusetts Institute of Technology spent much of his career there; prior to MIT he worked and became a close collaborator with Leo Szilard, and later worked with Rollin Hotchkiss at the Rockefeller Institute for Medical Research.

Rosalind Elsie Franklin was born in London, England on July 25, 1920 to Muriel and Ellis Franklin. Franklin, a biophysicist and x-ray crystallographer made significant contributions in understanding of molecular structure of DNA, RNA, coal, and viruses, specifically the Tobacco Mosaic Virus. While working at King's College in London, Franklin was the first to discover and photograph the B form of DNA, which was a crucial factor in the discovery of DNA's double helical structure. Franklin died on April 16, 1958 at 37 years of age.

Raymond Gosling was born in 1926. Gosling, a British biophysicist made significant contributions to the field of molecular biology. In 1949 he was a research student at King's College London, first working with Maurice Wilkins on x-ray diffraction, then later with Rosalind Franklin from 1951-1953. Together he and Franklin produced the first x-ray diffraction pattern of the B form of DNA. After earning his thesis in 1954 he lectured at a number of universities before returning to the UK in 1967, where he retired in 1984 as professor Emeritus in Physics Applied to Medicine.

Sven Furberg was born in Sande, Norway on April 16, 1920 and died March 15, 1983 in Oslo. Furberg, a chemist, biologist, and crystallographer created one of the first DNA models. His research while at Birkbeck College, University of London in 1949, led to the correct determination of the structure of a nucleotide, a key element in solving the structure of DNA. His subsequent publication was one of the few that Watson and Crick cited in their April 25, 1953 publication on the discovery of the double helical structure of DNA.

Rollin Douglas Hotchkiss was born in South Britain, Connecticut in 1911. Hotchkiss, a biochemist and geneticist made significant contributions to the field of molecular genetics. His research while at Rockefeller Institute alongside Oswald Avery and others, helped to establish that DNA, not protein, is the biochemical basis of heredity. He worked at Rockefeller from 1935 until his retirement as a professor emeritus, in 1982. He left active research in 1986 and passed away at the age of 93 on December 12, 2004.

Aaron Klug was born in Zelvas, Lithuania to parents Bella Silin and Lazar Klug on August 11, 1926. Klug, a chemist and biophysicist received his doctorate at Trinity College, Cambridge in 1953. Later that year took a position at Birkbeck College, University of London working with Rosalind Franklin on virus research. He went on to work at the MRC Laboratory of Molecular Biology where he perfected crystallographic electron microscopy. He was Director of the lab from 1986-1996. In 1982 he was awarded the Nobel Prize for his development of crystallographic electron microscopy and his structural elucidation of biologically important nucleic acid-protein complexes.

Barbara McClintock was born in Hartford, Connecticut on June 16, 1902 to Sara Handy McClintock and Thomas Henry McClintock. McClintock, was one of the world's most distinguished cytogeneticists. In 1983 McClintock won the Nobel Prize in Physiology or Medicine for her discovery of mobile genetic elements. Barbara died on September 2, 1992.

Max Ferdinand Perutz was born in Vienna, Austria on May 19, 1914 to Adele Goldschmidt and Hugo Perutz. Perutz, a molecular biologist, made significant discoveries for his studies in hemoglobin and other globular proteins. He obtained his PhD under William Lawrence Bragg at Cambridge's Cavendish Laboratory. He went on to co-found and direct the Medical Research Council Laboratory of Molecular Biology from 1962-1979. In 1962, he won the Nobel Prize in Chemistry along with John Kendrew for their studies of the structures of globular proteins. Max Perutz died on February 6, 2002.

Leo Szilard was born in Budapest, Hungary on February 11, 1898 to Thekla Vidor and Louis Spitz. Szilard, a nuclear physicist and biologist made significant discoveries on nuclear chain reaction and patented the idea of a nuclear reaction with Enrico Fermi. In the late 1930s he moved to the United States and worked on the Manhattan Project. In the late 1940s he worked closely with Aaron Novick on chemostat. He was also a very active advocate of global arms control. He died in La Jolla, CA on May 30, 1964 at 66 years of age.

James Dewey Watson was born in Chicago, Illinois on April 6, 1928 to Jean Mitchell and James D. Watson. Watson, a molecular biologist and geneticist obtained his B.S. and PhD in zoology from Indiana University and is widely known for being a co-discoverer of the structure of DNA. He, along with Francis H.C. Crick and Maurice Wilkins were jointly awarded

the 1962 Nobel Prize for Physiology or Medicine for their discoveries concerning the molecular structure of nucleic acids and its significance for information transfer in living material.

This collection is organized into 12 series:

1. Sydney Brenner papers, 1957-1961
2. Francis H.C. Crick and James D. Watson papers, 1958-1998
3. Max Delbruck papers, 1939-1994 (bulk 1945-1965)
4. Maurice Fox papers, 1943-1994 (bulk 1955-1965)
5. Rosalind E. Franklin papers, 1934-1959
6. Raymond Gosling papers, 1950-1988
7. Sven Furberg papers, 1946-1981
8. Rollin D. Hotchkiss papers, 1936-1994 (bulk 1940-1970)
9. Aaron Klug papers, 1927-1998 (bulk 1955-1985)
10. Barbara McClintock papers, 1978-1979
11. Max Perutz papers, 1909-2000 (bulk 1960-1990)
12. Leo Szilard papers, 1941-2000 (bulk 1950-1962)
13. Maurice Wilkins and Herbert Wilson papers, 1950-1995 (bulk 1950s)
14. Various Scientists, 1951-1977 (bulk 1950s)
15. Oversize materials and artifacts, 1950-1959, undated

Scope and Content

The J. Craig Venter Institute History of Molecular Biology collection was created to document the foundation and early history of molecular biology. The collection includes a comprehensive array of documents and artifacts marking significant milestones in molecular biology from discoveries on how genetic information is passed from generation to generation to discoveries on the structure and function of proteins. The materials highlight the connections and individual roles scientists played in these discoveries as well as provide context for the discovery of the structure of DNA, RNA, transfer RNA, messenger RNA, and various viruses and biologically important proteins.

The collection includes correspondence, galley proofs, lectures, reprints, manuscripts, research files, laboratory notebooks, interviews, photographs and a small number of artifacts from various scientists and Nobel Prize winners including; Sydney Brenner, Donald Caspar, Francis Crick and James Watson, Max Delbruck, Maurice Fox, Rosalind Franklin, Bruce Fraser, Sven Furburg, Raymond Gosling, Rollin Hotchkiss, Aaron Klug, Barbara McClintock, Max Perutz, Leo Szilard, Maurice Wilkins, and Herbert Wilson. The collection also includes a small selection of materials created by numerous molecular biologists and scientists in allied fields such as; Oswald Avery, Sir Lawrence Bragg, Erwin Chargaff, A.D. Hershey, Dorothy Crowfoot Hodgkin, John Kendrew, Linus Pauling and Robert Corey, and Frederick Sanger, among others. The collection includes primary and secondary source materials acquired and combined together by Jeremy Norman to form the collection.

The collection is organized into series based on the original creator of the materials and provenance. The series are alphabetical by creator. The last series "various scientists" groups together materials from creators in which there is only a small amount of material. This series is organized alphabetically by creator as well. The materials within the series vary depending on the individual creator, however materials primarily include correspondence files, laboratory and research files, photographs, manuscript and typescripts, as well as offprints and reprints.

Correspondence files are arranged alphabetically according to correspondent in individual folders as well as general folders organized by last name initials. Laboratory and research files retain original titles when available and therefore often only contain abbreviations, such as TMV for Tobacco Mosaic Virus and TYMV for Turnip Yellow Mosaic Virus. Photographs are generally organized by topic or theme and then further organized by date. Manuscripts, typescripts, reprints, offprints, and writings generated by the creator of the series can generally be found within the subseries "Papers and Other Works" while manuscripts, typescripts, and published writings of other individuals collected by the creator of the series can be found in the subseries "Writings by Others".

Immediate Source of Acquisition note

The collection was acquired from Jeremy Norman in August 2005. Prior to that date the collection was known as the Norman Collection.

Subjects and Indexing Terms

Brenner, Sydney
Caspar, Donald

Crick, Francis, 1916-2004
Delbruck, Max
Fox, Maurice
Franklin, Rosalind, 1920-1958
Fraser, Bruce
Furberg, Sven
Gosling, Raymond
Hodgkin, Dorothy, 1910-1994
Hotchkiss, Rollin H.
Klug, A. (Aaron), Sir, 1926
Laboratory of Molecular Biology.
McClintock, Barbara, 1902-1992
Medical Research Council (Great Britain).
Perutz, Max F.
Szilard, Leo
Watson, James D., 1928-
Wilkins, Maurice, 1916-2004
Wilson, Herbert R.
Biochemistry--History.
DNA -- History.
DNA -- Research -- History
DNA -- Structure
DNA replication.
History of science and technology
Molecular Biology -- history.
Negatives (photographic)
Nobel Prize winners
Photographs
Science -- Social aspects
Slides (photographs)
Tobacco mosaic virus
Transfer RNA
Turnip yellow mosaic virus

Series I: Sydney Brenner papers, 1956-1961

Language of Material: English

Arrangement note

Series is organized chronologically.

Box 1, Folder 1

References to untitled publication typescript, circa 1956

Language of Material: English

Box 1, Folder 2

On the impossibility of all overlapping triplet codes in information transfer from nucleic acid to proteins reprint, August 1957

Box 1, Folder 3

On the genetic code typescript, 1958

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- Box 1, Folder 4 **General nature of the genetic code for proteins research notes, September - October 1960**
Language of Material: English
Related Materials note
See reprint in Crick and Watson Series Box 2 Folder 8.
- Box 1, Folder 5 **General nature of the genetic code for proteins research notes, June - August 1960**
Language of Material: English
Related Materials note
See reprint in Crick and Watson Series Box 2 Folder 8.
- Box 1, Folder 6 **General nature of the genetic code for proteins research notes, February - April 1961**
Language of Material: English
Related Materials note
See reprint in Crick and Watson Series Box 2 Folder 8.
- Box 1, Folder 7 **General nature of the genetic code for proteins research notes, April - June 1961**
Language of Material: English
Related Materials note
See reprint in Crick and Watson Series Box 2 Folder 8.
- Box 1, Folder 8 **An unstable intermediate carrying information from genes to ribosomes for protein synthesis reprint Brenner, F. Jacob, and M. Meselson, May 13, 1961**
Language of Material: English

Series II: Francis H.C. Crick and James D. Watson papers, 1952-1998 (bulk 1950s-1960s)

Language of Material: English

Arrangement note

This series is organized into three subseries. Subseries 1: Francis H.C. Crick papers (organized alphabetically then chronologically), Subseries 2: James D. Watson papers (organized alphabetically then chronologically), and materials created jointly are found in Subseries 3: Watson & Crick publications and reprints (organized chronologically).

Subseries 1. Francis H.C. Crick papers, 1952-1998

Language of Material: English

- Box 1, Folder 9 **Correspondence - John Kendrew, Jan. 11, 1954**
Language of Material: English
- Box 1, Folder 10 **Correspondence - M.R.C. Laboratory of Molecular Biology outgoing form letter, undated**
Language of Material: English
- Box 1, Folder 11 **Laboratory notebook, 1952**
Language of Material: English
- Box 1, Folder 12 **Papers and other works - Polypeptides and Proteins: X-Ray Studies, Dissertation, July 1953**
Language of Material: English

Box 2, Folder 1	Papers and other works - Fourier Transform of a Coiled-coil manuscript and reprint, 1953 Language of Material: English
Box 2, Folder 2	Papers and other works - The Structure of Collagen, Crick and Alexander Rich typescript draft with photos and illustrations, reprint, and interview with Rich, 1954-1955, 1998 Language of Material: English
Box 2, Folder 3	Papers and other works - On Degenerate Templates and the Adaptor Hypothesis typescript, circa 1955 Language of Material: English
Box 2, Folder 4	Papers and other works - Comma-less codes typescript by Crick, J.S. Griffith, and L.E. Orgel, May 1956 Language of Material: English
Box 2, Folder 5	Papers and other works - Biology is Fast Becoming a Molecular Science typescript, Sept. 1956 Language of Material: English
Box 2, Folder 6	Papers and other works - On Protein Synthesis typescript, Sept. 1957 Language of Material: English
Box 2, Folder 7	Papers and other works - Some footnotes on on protein synthesis: a note for the RNA Tie Club typescript, Crick and S. Brenner, December 1959 Language of Material: English
Box 2, Folder 8	Papers and other works - General nature of the genetic code for proteins reprint, Crick, F.R.S. Leslie Barnett, S. Brenner, and R.S. Watts-Tobin, December 1961 Language of Material: English Related Materials note See also Brenner series, Box 1 for his research notes regarding this publication.
Box 2, Folder 9	Papers and other works - On the Genetic Code, Nobel lecture, December 1962 Language of Material: English
Box 2, Folder 10	Papers and other works - The genetic code - yesterday, today, and tomorrow, pages 3-9, found in Symposium on Quantitative Biology vol. XXXI, 1966 Language of Material: English

Subseries 2: James D. Watson papers 1954-1997

Language of Material: English

Box 2, Folder 11	Clippings - Double Helix, 1968 Language of Material: English
Box 2, Folder 12	Clippings - General, circa 1971 Language of Material: English
Box 2, Folder 13	Papers and other works - Invitation to "wiskie twisty" signed in the style of George Gamow by Watson, 1954 Language of Material: English

- Box 2, Folder 14 **Papers and other works - The Arrangement of Ribonucleic Acid within the Tobacco Mosaic Virus by Watson and D. Caspar, 1955**
Language of Material: English
- Box 3, Folder 1 **Papers and other works - Honest Jim photocopied typescript, 1966**
Language of Material: English
- Box 3, Folder 2 **Papers and other works - Honest Jim correspondence from Maurice Wilkins with notes and comments, July - October 1966**
Language of Material: English
- Box 3, Folder 3 **Papers and other works - The Double Helix 1st edition, 1968**
Language of Material: English
- Box 3, Folder 4 **Papers and other works - A Good Fortune typescript, 1997**
Language of Material: English
-

Subseries 3: Watson and Crick publications and reprints 1953-1956

Language of Material: English

- Box 3, Folder 5 **Molecular Structure of Nucleic Acids, reprint Nature Volume 171, April 25, 1953**
Language of Material: English
Related Archival Materials note
For signed galley proof see Oversize materials Box 101 Object 1
- Box 3, Folder 6 **Genetical Implications of the Structure of Deoxyribonucleic Acid reprint Nature Volume 171, May 30, 1953**
Language of Material: English
Related Archival Materials note
For signed galley proof see Oversize materials Box 101 Object 2
- Box 3, Folder 7 **The Complementary Structure of Deoxyribonucleic Acid reprint Proceedings of the Royal Society A Volume 223, 1954**
Language of Material: English
- Box 3, Folder 8 **Virus Structure: General Principles reprint Ciba Foundation Symposium on the Nature of Viruses, 1956**
Language of Material: English
- Box 3, Folder 9 **The Structure of Small Viruses typescript, 1956**
Language of Material: English

Series III: Max Delbruck papers, 1939-1994 (bulk 1945-1965)

Language of Material: English

Arrangement note

This series is organized into six subseries. Subseries 1: Albums (organized chronologically), Subseries 2: Clippings (organized chronologically), Subseries 3: Correspondence (organized alphabetically then chronologically), Subseries 4: Lectures and speeches (organized chronologically), Subseries 5: Offprints and reprints by Max Delbruck (organized chronologically), and Subseries 6: Papers and other works by Max Delbruck (organized chronologically).

Subseries 1: Albums, 1974

Language of Material: English

Box 3, Folder 10

Bio Peeps: News items about Biology Department People from Herman M. Kalckar, circa 1974

Language of Material: English

Scope and Contents note

Album includes 14 photographs prepared by Kalckar showing Delbruck and other scientists in academic and informal settings. Album also includes some correspondence and clippings.

Subseries 2: Clippings, 1974

Language of Material: English

Box 4, Folder 1

General, 1974

Language of Material: English

Subseries 3: Correspondence, 1960-1994

Language of Material: English

Box 4, Folder 2

Rollin Hotchkiss, 1964-1994

Language of Material: English

Box 4, Folder 3

Leo Szilard, 1960

Language of Material: English

Subseries 4: Lectures and Speeches, 1944-1978

Language of Material: English

Box 4, Folder 4

The Arrow of Time - Beginning and End. Commencement address typescript at California Institute of Technology and reprint, 1978

Language of Material: English

Box 4, Folder 5

Mind over matter? Twenty lectures on evolutionary epistemology typescript lectures 1-13, January-February, 1977

Language of Material: English

Box 4, Folder 6

Mind over matter? Twenty lectures on evolutionary epistemology typescript lectures 14-20 February - March 1977 and offprint from The Nature of Life, 1977

Language of Material: English

Box 4, Folder 7

Problems of modern biology: A series of lectures Vanderbilt University typescript, April - May 1944

Language of Material: English

Box 4, Folder 8

Virology revisited, opening lecture at symposium in Banaras Hindu University, October 17, 1976

Language of Material: English

Subseries 5: Offprints and reprints. 1939-1986

Box 4, Folder 9	Statistical fluctuations in autocatalytic reactions, August 29, 1939 Language of Material: English
Box 4, Folder 10	A theory of autocatalytic reactions, 1941 Language of Material: English
Box 4, Folder 11	Interference between inactivated bacterial virus and active virus of the same strain and of a different strain, S.E. Luria and Delbruck, December 1942 Language of Material: English
Box 4, Folder 12	Mutations of bacteria from virus sensitivity to virus resistance, S. E. Luria and Delbruck, November, 1943 Language of Material: English
Box 4, Folder 13	A Statistical problem, 1944 Language of Material: English
Box 4, Folder 14	Spontaneous mutations of bacteria, 1945 Language of Material: English
Box 4, Folder 15	Experiments with bacterial viruses, 1945-1946 Language of Material: English
Box 4, Folder 16	Effects of specific antisera on the growth of bacterial viruses, August, 1946 Language of Material: English
Box 4, Folder 17	Bacterial viruses or bacteriophages, 1946 Language of Material: English
Box 4, Folder 18	Induced mutations in bacterial viruses (2 copies), W.T. Bailey and Delbruck, 1946 Language of Material: English
Box 4, Folder 19	Biochemical mutants of bacterial viruses, July 1948 Language of Material: English
Box 4, Folder 20	Vermehrungsmechanismus von bakterioophagen, Delbrick and Mary Bruce Delbruck, 1949 Language of Material: German
Box 4, Folder 21	A physicist looks at biology, December 1949 Language of Material: English
Box 4, Folder 22	En fysiker ser pa biologein, 1951 Language of Material: German
Box 4, Folder 23	Mutual exclusion between an infecting phage and a carried phage, J.J. Weigle and Delbruck, 1951 Language of Material: English
Box 4, Folder 24	The mechanism of genetic recombination in phage, N. Visconti and Delbruck, 1953 Language of Material: English

Box 4, Folder 25	On the replication of deoxyribonucleic acid, 1954 Language of Material: English
Box 4, Folder 26	System analysis for the light growth reactions of phycomyces, 1956 Language of Material: English
Box 4, Folder 27	On the mechanism of DNA replication, Stent and Delbruck, 1957 Language of Material: English
Box 4, Folder 28	Distribution of stretch and twist along the growing zone of the sporangiophore of phycomyces, R. Cohen and Delbruck, 1959 Language of Material: English
Box 4, Folder 29	Construction and properties of comma-free codes (2 copies), S.W. Golomb, L.R. Welch and Delbruck, 1958 Language of Material: English
Box 3, Folder 30	Photoreactions in phycomyces, R. Cohen and Delbruck, 1959 Language of Material: English
Box 4, Folder 31	Action and transmission spectra in phycomyces, W. Shropshire and Delbruck, 1960 Language of Material: English
Box 4, Folder 32	Photoreactions in phycomyces, Delbruck and D. Varju, 1961 Language of Material: English
Box 5, Folder 1	Interplay between the reactions to light and to gravity in phycomyces, D. Varju, Lois Edgar, and Delbruck, 1961 Language of Material: English
Box 5, Folder 2	Photochemistry of thymine dimers, H.E. Johns, S.A. Rapaport and Delbruck, 1962 Language of Material: English
Box 5, Folder 3	Knotting problems in biology, 1962 Language of Material: English
Box 5, Folder 4	Der lichtsinn von phycomyces, 1963 Language of Material: German
Box 5, Folder 5	Inwiefern ist die biologie zu schwierig fur die biologen, 1963 Language of Material: German
Box 5, Folder 6	General discussions, 1966 Language of Material: English
Box 5, Folder 7	Absorption and screening in phycomyces, K. L. Zankel, Patricia V. Burke and Delbruck, 1961 Language of Material: English
Box 5, Folder 8	Molecular aspects of genetics, 1967 Language of Material: English
Box 5, Folder 9	Carotenes and retinal in phycomyces mutants, G. Meissner and Delbruck, 1968 Language of Material: English

Box 5, Folder 10	Phycomyces, Delbruck, et. al., 1969 Language of Material: English
Box 5, Folder 11	Effects of the cold periods on the stimulus-response system of phycomyces, M. Petzuch and Delbruck, 1970 Language of Material: English
Box 5, Folder 12	A physicists renewed look at biology: twenty years later, 1970 Language of Material: English
Box 5, Folder 13	Signalwandler: terra incognita der molekularbiologie, 1972 Language of Material: German
Box 5, Folder 14	Home scientificus nach Beckett, 1972 Language of Material: English
Box 5, Folder 15	Out of this world, 1972 Language of Material: English
Box 5, Folder 16	Complementation between mutants of phycomyces deficient with respect to carotogenesis, Delbruck et. al., 1973 Language of Material: English
Box 5, Folder 17	Carotogenesis in phycomyces, W.J. Hsu, David C. Ailion and Delbruck, 1973 Language of Material: English
Box 5, Folder 18	Genetic recombination in sexual crosses of phycomyces, A.P. Eslava, M.I. Alvarez, Patricia V. Burke and Delbruck, 1975 Language of Material: English
Box 5, Folder 19	Mind over matter?, 1978 Language of Material: English
Box 5, Folder 20	Photoreceptors for biosynthesis, energy, storage and vision, D. Presti and Delbruck, 1978 Language of Material: English
Box 5, Folder 21	An unstable nuclear gene in phycomyces, T. Ootaki and Delbruck, 1978 Language of Material: English
Box 5, Folder 22	Was Bose-Einstein statistics arrived at by serendipity?, 1980 Language of Material: English
Box 5, Folder 23	Light-induced carotene synthesis in mutants of phycomyces with abnormal phototropism, M. Jarayam, L. Leutwiler and Delbruck, 1980 Language of Material: English
Box 5, Folder 24	Replacement of riboflavin by an analogue in the blue-light photoreceptor of phycomyces, M.K. Otto, M. Jayaram, R.M. Hamilton and Delbruck, 1981 Language of Material: English
Box 5, Folder 25	Eine verschwörung der natur, 1985-1986 Language of Material: German

Subseries 6: Papers and other works, 1945-1965

Language of Material: English

- Box 5, Folder 26 **Atomic physics in 1910 and molecular biology in 1957 typescript draft and final copy, 1957**
Language of Material: English
- Box 5, Folder 27 **Enzyme systems with alternative steady states typescript from Unites Bioioiques Douee de Continuite Genetique, 1949**
Language of Material: English
- Box 5, Folder 28 **Mind from mater? An essay on evolutionary epistemology book, 1986**
Language of Material: English
- Box 5, Folder 29 **Notes on Jim Olsen's article Science, February/March 1965, 1965**
Language of Material: English
- Box 5, Folder 30 **Phage Information Service meeting, March 1947**
Language of Material: English
- Box 5, Folder 31 **Phage Information Service meeting, March 1948**
Language of Material: English
- Box 5, Folder 32 **Phage Information Service meeting and notes, August 1950**
Language of Material: English
- Box 5, Folder 33 **Phage Information Service meeting, August 1951**
Language of Material: English
- Box 5, Folder 34 **Phage Information Service meeting Delbruck summary, August 1952**
Language of Material: English
- Box 5, Folder 35 **Phage Information Service meeting, February 1956**
Language of Material: English
- Box 5, Folder 36 **Review "What is life? and what is truth?, 1945**
Language of Material: English
- Box 5, Folder 37 **Review "Thermal renaturation of DNA", 1961**
Language of Material: English

Series IV: Maurice Fox papers, 1943-1994 (bulk 1955-1965)

Language of Material: English

Arrangement note

This series is organized into two subseries. Subseries 1: Correspondence (organized alphabetically then chronologically) and subseries 2: Professional materials (arranged alphabetically).

Subseries 1: Correspondence, 1947-1994

Language of Material: English

Box 5, Folder 38	A - Miscellaneous, 1950-1965 Language of Material: English
Box 5, Folder 39	B - Miscellaneous, 1952-1992 Language of Material: English
Box 5, Folder 40	Benjamin, W.A. / Neil Patterson, 1964-1965 Language of Material: English
Box 5, Folder 41	C - Miscellaneous, 1949-1965 Language of Material: English
Box 5, Folder 42	D - Miscellaneous, 1951-1965 Language of Material: English
Box 5, Folder 43	E - Miscellaneous, 1960-1964 Language of Material: English
Box 5, Folder 44	F - Miscellaneous, 1949-1965 Language of Material: English
Box 5, Folder 45	G - Miscellaneous, 1955-1965 Language of Material: English
Box 6, Folder 1	H - Miscellaneous, 1952-1965 Language of Material: English
Box 6, Folder 2	Hotchkiss, Rollin, 1953-1984 Language of Material: English Scope and Contents note Correspondence includes a typescript draft by Hotchkiss and M. Gabor "Protoplast fusion in bacillus and its consequences", Feb. 1984.
Box 6, Folder 3	Hrones, John A., 1960-1962 Language of Material: English
Box 6, Folder 4	I - Miscellaneous, 1961-1965 Language of Material: English
Box 6, Folder 5	K - Miscellaneous, 1961-1965 Language of Material: English
Box 6, Folder 6	Kohoutova, Manci, 1960-1965 Language of Material: English
Box 6, Folder 7	L - Miscellaneous, 1956-1965 Language of Material: English
Box 6, Folder 8	M - Miscellaneous, 1950-1965 Language of Material: English
Box 6, Folder 9	Moulder, James, 1960 Language of Material: English

Box 6, Folder 10	N - Miscellaneous, 1960-1965 Language of Material: English
Box 6, Folder 11	National Institutes of Health, 1952-1965 Language of Material: English
Box 6, Folder 12	Novick, Aaron, 1955-1965 Language of Material: English
Box 6, Folder 13	P - Miscellaneous, 1951-1964 Language of Material: English
Box 6, Folder 14	Pontecorvo, Guido, 1956-1965 Language of Material: English
Box 6, Folder 15	O - Miscellaneous, 1952-1960 Language of Material: English
Box 6, Folder 16	R - Miscellaneous, 1947-1964 Language of Material: English
Box 6, Folder 17	S - Miscellaneous, 1952-1965 Language of Material: English
Box 6, Folder 18	Silverstein, Emanuel (Manny), 1961-1964 Language of Material: English
Box 6, Folder 19	Szilard, Leo, July 5, 1960 Language of Material: English
Box 6, Folder 20	T - Miscellaneous, 1956-1961 Language of Material: English
Box 6, Folder 21	U - Miscellaneous, 1963 Language of Material: English
Box 6, Folder 22	Unidentified, 1952-1965 Language of Material: English
Box 6, Folder 23	V - Miscellaneous, 1952-1965 Language of Material: English
Box 6, Folder 24	W - Miscellaneous, 1960-1965 Language of Material: English
Box 6, Folder 25	Youth Argosy, 1952 Language of Material: English
Box 6, Folder 26	Zahn, Rudolf, 1961 Language of Material: English

Subseries 2: Professional materials, 1943-1965

Language of Material: English

- Box 6, Folder 27 **Abstracts and notes, 1957-1965**
 Language of Material: English
- Box 6, Folder 28 **Biographical, 1943-1965**
 Language of Material: English
 Scope and Contents note
 Includes portraits.
- Box 6, Folder 29 **Curricula vitae of others, 1961-1963**
 Language of Material: English
- Box 6, Folder 30 **Massachusetts Institute of Technology, 1959-1965**
 Language of Material: English
- Box 6, Folder 31 **Rockefeller Institute, 1954-1963**
 Language of Material: English
- Box 6, Folder 32 **Symposia, 1956-1964**
 Language of Material: English
 Scope and Contents note
 Includes group photograph from Gordon Research Conference, 1964
- Box 6, Folder 33 **University of Chicago, 1950-1953**
 Language of Material: English
- Box 6, Folder 34 **University of Oregon, May - June 1961**
 Language of Material: English

Series V: Rosalind E. Franklin papers, 1934-1959 (bulk 1950s)

Language of Material: English

Arrangement note

This series is organized into nine subseries. Subseries 1: Biographical materials (organized alphabetically then chronologically), Subseries 2: Correspondence (organized alphabetically then chronologically), Subseries 3: Laboratory and Research notes (organized chronologically), Subseries 4: Lectures, presentations, and symposiums (organized chronologically), Subseries 5: Papers and other works by Franklin (organized alphabetically then chronologically), Subseries 6: Photographs (organized alphabetically), Subseries 7: Reprints by Franklin (organized chronologically), Subseries 8: Scientific equipment manuals and documents (organized alphabetically), Subseries 9: Writings by others (organized alphabetically last name then chronologically).

Subseries 1: Biographical, 1956-1975

- Box 7, Folder 1 **Articles about Franklin and DNA, 1968-1975**
 Language of Material: English
- Box 7, Folder 2 **Biographical sketches, 1956-1957**
 Language of Material: English
 Scope and Contents note
 Written by Franklin

Box 7, Folder 3 **Obituaries, 1958**
 Language of Material: English

Subseries 2: Correspondence, 1951-1958

Language of Material: English

Box 7, Folder 4 **A - Miscellaneous, 1953-1958**
 Language of Material: English
 Scope and Contents note
 Includes letter from the American Phytopathological Society [1958].

Box 7, Folder 5 **B - Miscellaneous, 1953-1957**
 Language of Material: English
 Scope and Contents note
 Includes photograph and illustrations of polytetra-fluoroethylene.

Box 7, Folder 6 **Beaudouin, 1951-1957**
 Language of Material: French

Box 7, Folder 7 **Bragg, Sir Lawrence, 1956-1957**
 Language of Material: English

Box 7, Folder 8 **C - Miscellaneous, 1956-1958**
 Language of Material: English

Box 7, Folder 9 **Caraffi, A.J. / Birbeck College, 1955**
 Language of Material: English

Box 7, Folder 10 **Caspar, Donald, May 1955-March 1958**
 Language of Material: English
 Scope and Contents note
 March 1958 letter to Caspar is last known handwritten letter by Franklin.

Box 7, Folder 11 **Crick, Francis, June 5, 1953**
 Language of Material: English
 Scope and Contents note
 Includes reprints of "The Structure of Sodium Thymonucleate, Parts I and II" see also Reprint subseries for additional copies.

Box 7, Folder 12 **Davy Faraday Research Laboratory / D.C. Phillips, 1957**
 Language of Material: English

Box 7, Folder 13 **de Wolf, Dr. P.M., July 22, 1953**
 Language of Material: English

Box 7, Folder 14 **E - Miscellaneous, 1951-1959**
 Language of Material: English

Box 7, Folder 15 **F - Miscellaneous, 1954-1957**
 Language of Material: English
 Scope and Contents note
 Later correspondence includes replies from Aaron Klug while Franklin was ill.

Box 7, Folder 16	Faraday Society / Bernice Kornitzer 1958 Language of Material: English
Box 7, Folder 17	Franklin signed blank Birkbeck College letterhead, undated Language of Material: English
Box 7, Folder 18	Gordon, Norma, August - Septmeber 1957 Language of Material: English Scope and Contents note Later correspondence replied by Aaron Klug while Franklin was ill.
Box 7, Folder 19	G - H - Miscellaneous, 1955-1957 Language of Material: English
Box 7, Folder 20	Hilger and Watts, LTD, 1955-1957 Language of Material: English
Box 7, Folder 21	Himsworth, Sir Harold May-December 1957 Language of Material: English
Box 7, Folder 22	Ilford LTD, 1954 Language of Material: English
Box 7, Folder 23	Joyce Scientific Instruments, 1956 Language of Material: English
Box 7, Folder 24	Katchalsky, Aharon, 1953-1955 Language of Material: English
Box 7, Folder 25	Klug, Aaron, 1955-1956 Language of Material: English
Box 7, Folder 26	Lipson, H, 1957 Language of Material: English
Box 7, Folder 27	Luzzati, Vittorio, Feburary 1958, undated Language of Material: English Scope and Contents note Includes data sets.
Box 7, Folder 28	M- Miscellaneous, 1956-1957 Language of Material: English
Box 7, Folder 29	Nature / Mr. Gale, 1956 Language of Material: English
Box 7, Folder 30	National Institutes of Health, 1956-1958 Language of Material: English Scope and Contents note Primarily regrading grant application.
Box 7, Folder 31	P - Miscellaneous, 1954-1956 Language of Material: English

- Box 7, Folder 32 **Petermann, Mary L. / Sloan-Kettering Institute, 1956-1958**
 Language of Material: English
- Box 7, Folder 33 **S - Miscellaneous, 1953-1957**
 Language of Material: English
- Box 7, Folder 34 **T - Miscellaneous, 1955-1958**
 Language of Material: English
 Scope and Contents note
 Includes reply to J. Taverne from Aaron Klug after Dr. Franklin died.
- Box 7, Folder 35 **University Women's part-time employment agency, 1956**
 Language of Material: English
- Box 7, Folder 36 **Williams, Robley C., 1957**
 Language of Material: English
 Scope and Contents note
 Includes electron micrograph photograph.
- Box 7, Folder 37 **Watson, James D., 1955-1956**
 Language of Material: English
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Subseries 3: Laboratory and research notes, 1951-1958

Language of Material: English

- Box 8, Folder 1 **Lab notebook (color photocopy of original), 1951**
 Language of Material: English
 Existence and Location of Originals note
 Originals are located at Churchill College, Cambridge
- Box 8, Folder 2 **Lab notebook (color photocopy of original), 1952**
 Language of Material: English
 Existence and Location of Originals note
 Originals are located at Churchill College, Cambridge
- Box 8, Folder 3 **Lab notebook (color photocopy of original), 1953**
 Language of Material: English
 Existence and Location of Originals note
 Originals are located at Churchill College, Cambridge
- Box 8, Folder 4 **Notes on articles read, circa 1950s**
 Language of Material: English
- Box 8, Folder 5 **Transform of helicaly grooved rod, 1955**
 Language of Material: English
- Box 8, Folder 6 **TMV 83c, 87c, 90...photometer curves, circa 1955**
 Language of Material: English
- Box 8, Folder 7 **TMV x-ray photos and diagrams, circa 1955**
 Language of Material: English
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Box 8, Folder 8	3rd II transfer, May 1956 Language of Material: English
Box 8, Folder 9	Record of x-ray photographs of microsomal particles, circa 1956-1957 Language of Material: English
Box 8, Folder 10	3rd II of TMV-Os, February 1957 Language of Material: English
Box 8, Folder 11	TMV-Os calculated, July 22-23, 1957 Language of Material: English
Box 8, Folder 12	TYMV radial pattern for 32 units, 1957 Language of Material: English
Box 8, Folder 13	A-protein transform, circa 1957 Language of Material: English
Box 8, Folder 14	TMV heavy atoms, circa 1957 Language of Material: English
Box 8, Folder 15	Dethromised TMV + os, 1957-1958 Language of Material: English
Box 8, Folder 16	TMV-Os equator, 1957-1958 Language of Material: English
Box 8, Folder 17	TMV-Os, March 1958 Language of Material: English
Box 8, Folder 18	TMV-Os general, March 1958 Language of Material: English
Box 8, Folder 19	TMV-Os 3rd II, March 1958 Language of Material: English
Box 8, Folder 20	TMV-Os 4th II, March 1958 Language of Material: English
Box 8, Folder 21	Miscellaneous TMV-Os photometer curves 193 x 206, March 1958 Language of Material: English
Box 8, Folder 22	TMV-Os 206GD photometer curves, March 1958 Language of Material: English
Box 8, Folder 23	TMV-Os with T-factor, March 1958 Language of Material: English
Box 8, Folder 24	Chemical apparatus, 1958 Language of Material: English
Box 8, Folder 25	Photometer curves for comparison of TMV-Os, March 1958 Language of Material: English

Box 8, Folder 26	TMV-Os 3rd II 126 + 159, 1958 Language of Material: English
Box 9, Folder 1	Log plots, [1958] Language of Material: English
Box 9, Folder 2	Viruses and murosomes with osmium, [1958] Language of Material: English
Box 9, Folder 3	Notes/outline "Importance of RNA...". undated Language of Material: English
Box 9, Folder 4	Notes regarding inner structure of TMV, undated Language of Material: English
Box 9, Folder 5	Notes on TYMA and TMV RNA, undated Language of Material: English
Box 9, Folder 6	Tables for calculating DNA structure, undated Language of Material: English

Subseries 4: Lectures, Presentations, and Symposiums, 1946-1957

Language of Material: English

Box 9, Folder 7	"Thermal expansion of coals and carbonized coals" by D.H. Bangham and Franklin in General Discussion on swelling and shrinking, Transactions of the Faraday Society, 1946 Language of Material: English
Box 9, Folder 8	Report of opening and closing sessions and three lectures, First International Congress on Biochemistry August 19-25, 1949, 1950 Language of Material: English General note Did not present
Box 9, Folder 9	Conference on coal, Germany, 1952 Language of Material: English General note Did not present
Box 9, Folder 10	Five lectures on x-ray diffraction, January - February, 1953 Language of Material: English
Box 9, Folder 11	Informal discussion on the nature and structure of collagen, Faraday Society, March 26-27, 1953 Language of Material: English General note Did not present

- Box 9, Folder 12 **"A proposed structure of DNA" by Franklin, Raymond Gosling, A.R. Stokes, H.R. Wilson, M.H.F. Wilkins, F.H.C. Crick, and J.D. Watson in Conversazione, The Royal Society, June 25, 1953**
Language of Material: English
- Box 9, Folder 13 **"The analysis of x-ray fibre diagrams of DNA and the dependence of structure on water content" by Franklin and R. Gosling in Informal discussions on structure and properties of nucleic acids and nucleoproteins, Faraday Society, October 30-31, 1953**
Language of Material: English
- Box 9, Folder 14 **International conference on coal science, May 2-3, 1955**
Language of Material: English
General note
Did not present
- Box 9, Folder 15 **"X-ray diffraction studies on the structure and morphology of Tobacco Mosaic Virus" by Franklin, A. Klug, J.T. Finch, and K.C. Holmes in International Union of Crystallography Symposium, April 2-7, 1956**
Language of Material: English
- Box 9, Folder 16 **"Structure of viruses" by Franklin, Keneth M. Smith and Robley C. Williams in Conversazione, The Royal Society, May 23, 1957**
Language of Material: English
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Subseries 5: Papers and other works, 1945-1959

- Box 9, Folder 17 **Abstract "The mode of polymerisation of the protein of tobacco mosaic virus" typescript by A. Klug and Franklin (posthumously), circa 1958**
Language of Material: English
- Box 9, Folder 18 **Abstract "Order-disorder transactions in structures containing helical molecules" by A. Klug and Franklin, circa 1958**
Language of Material: English
Related materials note
See reprint in Box 11 Folder 15.
- Box 9, Folder 19 **Abstract "The structure of RNA in the TMV and in some other ribonucleoproteins" typescript (2) copies and printed version, by Franklin (posthumously) and A. Klug, circa 1958**
Language of Material: English
- Box 9, Folder 20 **Abstract "X-ray diffraction studies of the structure of viruses" typescript (includes brochure insert typescript), by Franklin and A. Klug, circa 1958**
Language of Material: English
- Box 9, Folder 21 **Abstract "X-ray diffraction studies on the structure of Tobacco Mosaic Virus and Turnip Yellow Mosaic Virus" typescript by Franklin (posthumously), A. Klug, J.T. Finch, and K.C. Homes, circa 1958**
Language of Material: English
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- Box 9, Folder 22 **Article draft "A note on molecular configuration of sodium thymonucleate" by Franklin and R. Gosling, typescript with handwritten edits for Nature vol. 171 April 25, 1953, [1953]**
Language of Material: English
- Box 9, Folder 23 **Article draft "Proposed x-ray diffraction study of solution to poly-electro-lytes, typescript, [1954]**
Language of Material: English
- Box 9, Folder 24 **Article draft "Tobacco Mosaic Virus: Use of the method of isomorpous replacement...unpublished typescript, circa 1956-1957**
Language of Material: English
Related materials note
See reprint in Box 11 Folder 12.
- Box 9, Folder 25 **Article draft "The radial density distribution in some strains of Tobacco Mosaic Virus" typescript, by K.C. Holmes and Franklin, circa 1957**
Language of Material: English
- Box 9, Folder 26 **Article draft "The splitting of layer-lines in x-ray fibre-diagrams of helical structures: application to Tobacco Mosaic Virus" typescript by Franklin and A. Klug, circa 1957 [1955]**
Language of Material: English
Related Materials note
See reprint in Box 10 Folder 37.
- Box 9, Folder 27 **Article draft "Exploring viruses with x-rays: the structure of a helical virus" typescript by Franklin, A. Klug, J.T. Finch, and K.C. Homes, [1957]**
Language of Material: English
- Box 9, Folder 28 **Article draft of an untitled manuscript on TMV-Os, circa 1958**
Language of Material: English
- Box 10, Folder 1 **Article draft "The structure of viruses as determined by x-ray diffraction" by Franklin, D.L.D. Caspar, and A. Klug typescript (3 copies) published in Plant Pathology: Problems and progress, 1959**
Language of Material: English
- Box 10, Folder 2 **Article draft of an untitled manuscript on Tobacco Mosaic Virus and RNA, undated**
Language of Material: English
- Box 10, Folder 3 **Dissertation "Physical structure of coal and related materials, October 1945**
Language of Material: English
- Box 10, Folder 4 **General, Death of DNA prank, July 18, 1952**
Language of Material: English
- Box 10, Folder 5 **General, Birkbeck college blank research application form and paperwork, circa 1954**
Language of Material: English
- Box 10, Folder 6 **Grant application and documentation, National Institutes of Health for October 1957-September 30, 1957, December 1956**
Language of Material: English
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- Box 10, Folder 7 **Report on the investigations into x-ray diffraction equipment available in Paris typescript, June 1953**
Language of Material: English
- Box 10, Folder 8 **Report "Annual report" 1st January 1953 - 1st January 1954, 1954**
Language of Material: English
- Box 10, Folder 9 **Report "Note on the future of the A.R.C. research group in Birkbeck College Crystallography Laboratory, March 9, 1956**
Language of Material: English
- Box 10, Folder 10 **Report "Research on viruses and related nucleoproteins..." typescript, October 1956**
Language of Material: English
- Box 10, Folder 11 **Report "Progress report of the Agricultural Research Council research group in Birkbeck College Crystallography Laboratory for the year 1956 typescript, [1957]**
Language of Material: English
- Box 10, Folder 12 **Report "Note on the transfer from A.R.C. to P.H.S." typescript, June 1957**
Language of Material: English
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Subseries 6: Photographs, 1930s-1958

- Box 10, Folder 13 **Franklin as child with younger sister, circa 1930**
Language of Material: English
- Box 10, Folder 14 **Franklin vacationing (copy prints), taken by V. Luzzati, circa 1950**
Language of Material: English
- Box 10, Folder 15 **Photograph 51 structure A and B, negative taken by Franklin and Gosling, 1952**
Language of Material: English
- Box 10, Folder 16 **Photograph 51 structure B contact print, taken by Franklin and Gosling, 1952**
Language of Material: English
- Box 10, Folder 17 **Photograph 51 structure A and B original prints (2 copies) taken by Franklin and Gosling, 1952**
Language of Material: English
- Box 10, Folder 18 **Structure of Sodium Thymonucleate Fibres III by Franklin and Gosling publication lantern slide illustrations, figure 1 a and b, [1953]**
Language of Material: English
- Box 10, Folder 19 **Structure of Sodium Thymonucleate Fibres III by Franklin and Gosling publication lantern slide illustrations, figure 2-4 and helical illustrations, [1953]**
Language of Material: English
- Box 10, Folder 20 **Laboratory at Birkbeck College, 21 Torrington Square after Franklin died, taken by J.T. Finch, [1958]**
Language of Material: English
- Box 10, Folder 21 **TMV model at the International Exhibition in Brussels, 1958**
Language of Material: English
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Subseries 7: Reprints, 1948-1959

Language of Material: English

Box 10, Folder 22

A note on the true density, chemical composition and structure of coals and carbonized coals, Fuel Vol. xxvii No. 2, 1948

Language of Material: English

Box 10, Folder 23

A Study of the Fine Structure of Carbonaceous Solids by the Measurements of True and Apparent Densities, Transactions of the Faraday Society, No. 315 Vol. XLV Part 3, March 1949

Language of Material: English

Box 10, Folder 24

Influence of the Bonding Electrons on the Scattering of X-Rays by Carbon, Nature Vol. 165, January 14, 1950

Language of Material: English

Box 10, Folder 25

The Interpretation of Diffuse X-ray Diagrams of Carbon, Acta Crystallographica Vol. 3 Part 2, March 1950

Language of Material: English

Box 10, Folder 26

On the Structure of Carbon, Journal Chimie Physique tome 47 Nos 5-6, 1956

Language of Material: French

Box 10, Folder 27

The Structure of Graphitic Carbon, Acta Crystallographica Vol. 4 Part 3, May 1951

Language of Material: English

Box 10, Folder 28

Crystallite growth in graphitizing and non-graphitizing carbons, Proceedings of the Royal Society, A, Vol. 209 1951

Language of Material: English

Box 10, Folder 29

Molecular Configuration in Sodium Thymonucleate, Franklin and R.G. Gosling, Nature Vol. 171, April 25, 1953

Language of Material: English

Box 10, Folder 30

Evidence for 2-Chain Helix in Crystalline Structure of Sodium Deoxyribonucleate, Franklin and Gosling, Nature, Vol. 172, July 25, 1953

Language of Material: English

Box 10, Folder 31

The Structure of Sodium Thymonucleate Fibres. I: The Influence of Water Content, Franklin and R.G. Gosling (2copies), Acta Crystallographica Vol. 6 Parts 8-9, September 1953

Language of Material: English

Box 10, Folder 32

The Structure of Sodium Thymonucleate Fibres. II: The Cylindrically Symmetrical Patterson Function, Franklin and R.G. Gosling (2 copies), Acta Crystallographica, Vol. 6 Parts 8-9, September 1953

Language of Material: English

Box 10, Folder 33

Some aspects of the ultra-fine structure of coals and cokes, reprint of unknown journal in Russian with English translation.

Language of Material: Russian

- Box 10, Folder 34 **Structure of Tobacco Mosaic Virus, Nature Vol. 175, February 26, 1955**
Language of Material: English
- Box 10, Folder 35 **The Structure of Sodium Thymonucleate Fibres. III: The Three-Dimensional Patterson Function, Franklin and R. G. Gosling (2 copies), Acta Crystallographica Vol. 8 Part 3, March 1955**
Language of Material: English
- Box 10, Folder 36 **Abnormal Protein Associated with Tobacco Mosaic Virus, Nature, Vol. 175, June 18, 1955**
Language of Material: English
- Box 10, Folder 37 **The Splitting Layer Lines in X-ray Fibre Diagrams of Helical Structures: Application to Tobacco Mosaic Virus, Franklin and A. Klug, Acta Crystallographica, Vol. 8 Part 12, December 1955**
Language of Material: English
Related Materials note
See also the typescript in Box 9 Folder 26.
- Box 10, Folder 38 **Structural resemblance between Schramm's repolymerized A-protein and tobacco mosaic virus, Biochimica et Biophysica Acta Vol. 18, 1955**
Language of Material: English
- Box 11, Folder 1 **Structure of Tobacco Mosaic Virus: Radial Density Distribution in the Tobacco Mosaic Virus Particle (2 copies), Nature Vol. 177, May 19, 1956**
Language of Material: English
- Box 11, Folder 2 **Homogeneous and Heterogeneous Graphitization of Carbon, Nature Vol. 177, February 4, 1956**
Language of Material: English
- Box 11, Folder 3 **Structure of coals, cokes, and carbons, Franklin and R.L. Gordon in the Summarized proceedings of a conference on the structures of semi-crystalline and non-crystalline materials, British Journal of Applied Physics Vol. 7, November 1956**
Language of Material: English
- Box 11, Folder 4 **The Nature of the Helical Groove on the Tobacco Mosaic Virus Particle, Franklin and A. Klug (2 copies), Biochimica et Biophysica Acta Vol 19, 1956**
Language of Material: English
- Box 11, Folder 5 **The helical arrangement of the protein sub-units in tobacco mosaic virus, Franklin and R.C. Homes, Biochimica et Biophysica Acta Vol. 21, 1956**
Language of Material: English
- Box 11, Folder 6 **X-ray Diffraction Studies of the Structure and Morphology of Tobacco Mosaic Virus, Franklin, A. Klug, and K.C. Holmes (2 copies) and abstract, Ciba Foundation Symposium on The Nature of Viruses, 1956**
Language of Material: English
- Box 11, Folder 7 **Structure of Turnip Yellow Mosaic Virus, A. Klug, J.T. Finch, and Franklin, Nature Vol. 179, March 30, 1957**
Language of Material: English
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- Box 11, Folder 8 **Changes in the Structure of Carbon during Oxidation, J.D. Watt and Franklin, Nature Vol. 180, November 30, 1957**
Language of Material: English
- Box 11, Folder 9 **The reaggregation of the A-protein of tobacco mosaic virus, A. Klug and Franklin, Biochimica et Biophysica Acta Vol. 23, 1957**
Language of Material: English
- Box 11, Folder 10 **The Structure of Turnip Yellow Mosaic Virus: X-Ray Diffraction Studies, A. Klug, J.T. Finch and Franklin, Biochimica et Biophysica Acta, galley proof, May 1957**
Language of Material: English
- Box 11, Folder 11 **The Structure of Turnip Yellow Mosaic Virus: X-Ray Diffraction Studies, A. Klug, J.T. Finch and Franklin, Biochimica et Biophysica Acta Vol. 25, 1957**
Language of Material: English
- Box 11, Folder 12 **Tobacco Mosaic Virus: Application of the Method of Isomorphous Replacement to the Determination of the Helical Parameters and Radial Density Distribution, Franklin and K.C. Holmes (2 copies), Acta Crystallographica Vol. 11 Part 3, March 1958**
Language of Material: English
Related Materials note
See also unpublished typescript in Box 9 Folder 24.
- Box 11, Folder 13 **The Radial Density Distribution in Some Strains of Tobacco Mosaic Virus, K.C. Holmes and Franklin, Virology Vol. 6 No. 2, October 1958**
Language of Material: English
Related Materials note
See also typescript of this article in the Franklin series.
- Box 11, Folder 14 **Order-Disorder Transitions in Structures Containing Helical Molecules, A. Klug and Franklin, Faraday Society Discussions galley proof, March 11, 1958**
Language of Material: English
- Box 11, Folder 15 **Order-Disorder Transitions in Structures Containing Helical Molecules, A. Klug and Franklin, Faraday Society Discussions No. 25, 1958**
Language of Material: English
Related Materials note
See abstract in box 9 Folder 18.
- Box 11, Folder 16 **On the Structure of Some Ribonucleoprotein Particles, Franklin, A. Klug, T.J. Finch, and K.C. Holmes, Faraday Society Discussions No. 25, 1958**
Language of Material: English
- Box 11, Folder 17 **X-ray diffraction studies of the structure of tobacco mosaic virus, Symposium on Protein Structure, 1958**
Language of Material: English
- Box 11, Folder 18 **The Crystal Structure of Tipula Iridescent Virus As Determined by Bragg Reflection of Visible Light, A. Klug, Franklin, and S.P.F. Humphreys-Owen, Biochimica et Biophysica Acta Vol. 32, 1959**
Language of Material: English
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Box 11, Folder 19 **The Structure of RNA in Tobacco Mosaic Virus and in Some Other Ribonucleoproteins, Franklin and A. Klug, abstract from The Structure and Physical Chemistry of Nucleic Acids and Nucleoproteins discussion in Transactions of the Faraday Society No. 435 Vol. 55 Part 3, March 1959**
Language of Material: English

Subseries 8: Scientific equipment, 1950s

Language of Material: English

Box 11, Folder 20 **Beaudouin, 1950s**
Language of Material: English

Box 11, Folder 21 **Castell slide rule 1/54, undated**
Language of Material: English

Box 11, Folder 22 **General, 1950**
Language of Material: English

Subseries 9: Writings by others, 1934-1957

Language of Material: English

Box 11, Folder 23 **A - Miscellaneous, 1952, 1954**
Language of Material: English

Box 11, Folder 24 **Allen, P.W. and L.E. Sutton, 1949**
Language of Material: English

Box 11, Folder 25 **B - Miscellaneous, 1948-1957**
Language of Material: English

Box 11, Folder 26 **Beers, Roland F., April - September 1956**
Language of Material: English

Box 11, Folder 27 **Bowman, Hans G., 1956-1957**
Language of Material: English

Box 11, Folder 28 **C - Miscellaneous, 1947-1957, undated**
Language of Material: English

Box 11, Folder 29 **Caspar, Donald L.D. "Structure of bushy stunt virus, and Crick and Watson "Structure of small viruses" in Nature Vol. 177, March 10, 1956**
Language of Material: English

Box 11, Folder 30 **Dryden, I.G.C., 1953-1955**
Language of Material: English

Box 11, Folder 31 **Fareden, P.J., 1954**
Language of Material: English

Box 11, Folder 32 **Francis, W., 1951**
Language of Material: English

Box 11, Folder 33	H - Miscellaneous, 1949-1955 Language of Material: English
Box 11, Folder 34	Hadzi, Dunson, 1951-1954 Language of Material: English
Box 11, Folder 35	Hirsch, P.B. "X-ray scattering from coals" includes typescript, 1954 Language of Material: English
Box 11, Folder 36	Inouye, Katsuya, 1950-1951 Language of Material: English
Box 11, Folder 37	Ingram, D.J.E. and J.G. Tapley, Nature Vol. 174, October 23, 1954 Language of Material: English
Box 12, Folder 1	Jeener, R. Biochemica et Biophysica Vol. 13, 1954 Language of Material: English
Box 12, Folder 2	Kasatochkin, V.I., 1952-1954 Language of Material: English
Box 12, Folder 3	Kaesberg, Paul, Science, October 5, 1956 Language of Material: English
Box 12, Folder 4	L - Miscellaneous, 1953-1954 Language of Material: English
Box 12, Folder 5	Lablaw, Louis and Ralph W.G. Wyckoff, 1956 Language of Material: English
Box 12, Folder 6	Luzzati, V., H. Mustacchi, and A. Skoulis, Nature Vol. 108, September 21, 1957 Language of Material: English
Box 12, Folder 7	M - Miscelleanous, 1952-1955 Language of Material: English
Box 12, Folder 8	Morgan, Councilman, 1955-1957 Language of Material: English
Box 12, Folder 9	Newton, Nelson and David W. Rosberg, Feburary 1952 Language of Material: English
Box 12, Folder 10	Oele, A.P. et. al., reprint from Fuel, 1951 Language of Material: English
Box 12, Folder 11	Oosterkamp, W.J., Febuary - June 1948 Language of Material: English
Box 12, Folder 12	Patterson, A.L., Physical review, September 1, 1934 Language of Material: English General note Used by Franklin and R. Gosling in the construction of the mathematics for calculation of cylindrical Patterson Function of DNA structure A.

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| Box 12, Folder 13 | Randall, J.T., 1937, 1951
Language of Material: English |
| Box 12, Folder 14 | Riley, H.L., 1947-1958
Language of Material: English |
| Box 12, Folder 15 | S - Miscellaneous, 1947-1957
Language of Material: English |
| Box 12, Folder 16 | Sherlock, E., 1950-1951
Language of Material: English |
| Box 12, Folder 17 | Unidentified Japanese reprints, 1951
Language of Material: English |
| Box 12, Folder 18 | V - miscellaneous, 1951, 1957
Language of Material: English |
| Box 12, Folder 19 | Van Krevelen, D.W., 1950-1951
Language of Material: English |
| Box 12, Folder 20 | W - Miscellaneous, 1955
Language of Material: English |
| Box 12, Folder 21 | Williams, Robley, 1956-1957
Language of Material: English |
| Box 12, Folder 22 | Xeros, N., Nature Vol. 174, 178, 1954, 1956
Language of Material: English |
| Box 12, Folder 23 | Z - miscellaneous, 1951-1955
Language of Material: English |

Series VII: Sven Furberg papers, 1946-1981

Language of Material: English

Arrangement note

This series is organized into four subseries. Subseries 1: Correspondence (organized alphabetically then chronologically), Subseries 2: Laboratory Notebooks (organized chronologically), Subseries 3: Papers and other works by Furberg (organized chronologically), Subseries 4: Reprints by Furberg (organized chronologically, folder title indicates number of reprints for each year).

Subseries 1: Correspondence, 1949-1976

Language of Material: English

- | | |
|-------------------|---|
| Box 12, Folder 24 | Bernal, J.D., October 7, 1949
Language of Material: English |
| Box 12, Folder 25 | Carlisle, C. Harry, 1949-1950
Language of Material: English |
| Box 12, Folder 26 | Hassel, O., 1951, 1955
Language of Material: English |
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- Box 12, Folder 27 **Jordan, D.O., June 27, 1950**
 Language of Material: English
- Box 12, Folder 28 **Judson, Horace, February - August 1976**
 Language of Material: English
- Box 12, Folder 29 **Keene, Ruck/Chemical Society, 1950**
 Language of Material: English
- Box 12, Folder 30 **Kornitzer, Beatrice/Faraday Society, 1950**
 Language of Material: English
- Box 12, Folder 31 **Randall, J.T., April 2, 1951**
 Language of Material: English

Subseries 2: Laboratory Notebooks, 1947-1981

Language of Material: English

- Box 12, Folder 32 **Results, November 1947- June 1950**
 Language of Material: English
- Box 12, Folder 33 **Sven Furberg, circa 1968-1981**
 Language of Material: English

Subseries 3: Papers and other works, 1946-1949, undated

Language of Material: English

- Box 12, Folder 34 **Molekylstrukturen av heksaklorbenson og fast tetraklorcykloheksan, typescript of master's thesis, 1946**
 Language of Material: Norwegian
- Box 13, Folder 1 **An x-ray study of some nucleosides and nucleotides, typescript of PhD thesis, 1949**
 Language of Material: English
- Box 13, Folder 2 **Report on research carried out October 1947-August 1949, September 1949**
 Language of Material: English
- Box 13, Folder 3 **Evidence on the structure of deoxyribonucleic acid from polarized infra-red measurements, typescript, [April 1951]**
 Language of Material: English
- Box 13, Folder 4 **My work on nucleic acid structure 1947-1949 photocopied typescript, May 1973**
 Language of Material: English
- Box 13, Folder 5 **Towards DNA structure, undated**
 Language of Material: English

Box 13, Folder 6

Unidentified handwritten notes, undated

Language of Material: English

Scope and Contents note

Notes in Norwegian and English discusses DNA, Aaron Klug, and molecular biology.

Subseries 4: Reprints, 1949-1964

Language of Material: English

Box 13, Folder 7

Reprints (2), 1949

Language of Material: English

Box 13, Folder 8

Reprints (7), 1950

Language of Material: English

Box 13, Folder 9

Reprints (2), 1951

Language of Material: English

Box 13, Folder 10

Reprints (3), 1952

Language of Material: English

Box 13, Folder 11

Reprints (4), 1953

Language of Material: English

Box 13, Folder 12

Reprints (3), 1954

Language of Material: English

Box 13, Folder 13

Reprints (1), 1955

Language of Material: English

Box 13, Folder 14

Reprints (1), 1956

Language of Material: English

Box 13, Folder 15

Reprints (2), 1957

Language of Material: English

Box 13, Folder 16

Reprints (1), 2 copies, 1959

Language of Material: English

Box 13, Folder 17

Reprints (2), 1960

Language of Material: English

Box 13, Folder 18

Reprints (1), 1961

Language of Material: English

Box 13, Folder 19

Reprints (3), 1962

Language of Material: English

Box 13, Folder 20

Reprints (3), 1963

Language of Material: English

Box 13, Folder 21

Reprints (1), 1964

Language of Material: English

Series VI: Raymond Gosling papers, 1950-1988

Language of Material: English

Arrangement note

This series is organized into four subseries. Subseries 1: Correspondence (organized alphabetically then chronologically), Subseries 2: Photographs (organized chronologically), Subseries 3: Laboratory notebook (organized chronologically), Subseries 4: Papers and other works (organized alphabetically by grouping then chronologically).

Subseries 1: Correspondence, 1950-1988

Language of Material: English

Box 13, Folder 22

Crick, Francis H.C., March 2, 1988

Language of Material: English

Box 13, Folder 23

Klug, Aaron, July - September 1968

Language of Material: English

Box 13, Folder 24

King's College best wishes card, circa 1954

Language of Material: English

Box 13, Folder 25

Newton Victor LTD, Auguts 4, 1950

Language of Material: English

Box 13, Folder 26

Olby, R. July - August 1968

Language of Material: English

Box 13, Folder 27

Perutz, Max, 1968-1969

Language of Material: English

Scope and Contents note

Includes Sir Harold Simsworth in regard to Dr. Olby.

Box 13, Folder 28

Editor of the Scientific American regarding review of J.D. Watson's the Double Helix, [1968]

Language of Material: English

Subseries 2: Photographs, 1952-1954

Language of Material: English

Box 13, Folder 29

Group images while at Kings, 1952

Language of Material: English

Box 13, Folder 30

Infrared microscope at Kings, 1952

Language of Material: English

Box 13, Folder 31

Portraits, circa 1954

Language of Material: English

Subseries 3: Laboratory notebook, 1921-1953

Box 13, Folder 32

Laboratory notebook, circa 1951-1953

Language of Material: English

Subseries 4: Papers and other works, 1950, 1954

Box 14, Folder 1

Dissertation "X-ray diffraction studies of Desoxyribose Nucleic Acid with handwritten edits, given to R.E. Franklin, February 1954

Language of Material: English

Box 14, Folder 2

Reprint "An improved neon-lamp radium detector" in the British Journal of Radiology, March 1950

Language of Material: English

Box 14, Folder 3

Reprint "Physical studies of Nucleic Acid" by Wilkins, Gosling et.al, 1951

Language of Material: English

Series VIII: Rollin D. Hotchkiss papers, 1925-1994

Language of Material: English

Arrangement note

This series is organized into four subseries. Subseries 1: Correspondence (organized alphabetically then chronologically), Subseries 2: Offprints by Hotchkiss (organized chronologically), Subseries 3: Papers and other works by Hotchkiss (organized alphabetically by grouping then chronologically), Subseries 4: Writings by others (organized alphabetically by grouping then chronologically).

Subseries 1: Correspondence, 1948-1983 (bulk 1950-1960)

Language of Material: English

Box 14, Folder 4

A-D - Miscellaneous, 1951-1957

Language of Material: English

Box 14, Folder 5

Emerson, Sterling, January 25, 1953

Language of Material: English

Box 14, Folder 6

Ephrussi, Boris and Ephrussi-Taylor Harriett, 1956-1975

Language of Material: English

Box 14, Folder 7

F-G Miscellaneous, 1948-1957

Language of Material: English

Box 14, Folder 8

H - Miscellaneous, 1949-1953

Language of Material: English

Box 14, Folder 9

Hershey, A.D., 1949

Language of Material: English

Box 14, Folder 10

K - Miscellaneous, 1954, 1967

Language of Material: English

Box 14, Folder 11

Lerman, Leonard S., March - June 1955

Language of Material: English

- | | |
|-------------------|--|
| Box 14, Folder 12 | Lederberg, Joshua, February 8, 1957
Language of Material: English |
| Box 14, Folder 13 | Northrop, John H., July, undated
Language of Material: English |
| Box 14, Folder 14 | M - Miscellaneous, 1951-1958
Language of Material: English |
| Box 14, Folder 15 | MacLeod, Collin, 1951-1959
Language of Material: English |
| Box 14, Folder 16 | O-T Miscellaneous, 1953-1983
Language of Material: English |
| Box 14, Folder 17 | Unidentified, January 14, 1955
Language of Material: English |
| Box 14, Folder 18 | Vogt, Margurite, December 1951- January 1952
Language of Material: English |
| Box 14, Folder 19 | W - Miscellaneous, 1958-1976
Language of Material: English |
| Box 14, Folder 20 | Zabriskie, John B, January 16, 1980
Language of Material: English |
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Subseries 2: Offprints, 1936-1993 (Bulk 1944-1969)

Language of Material: English

- | | |
|-------------------|---|
| Box 14, Folder 21 | Researches on Pyrimidines CLI : The constitution of dibarbituric acid, by Hotchkiss and T.B. Johnson, 1936
Language of Material: English |
| Box 14, Folder 21 | Derivatives of glucuronic acid VII : the synthesis of aldobionic acids, by Hotchkiss and W.F. Goebel, 1936
Language of Material: English |
| Box 14, Folder 22 | The synthesis of aldobionides, by W.F. Goebel, R.E. Reeves and Hotchkiss, 1937
Language of Material: English |
| Box 14, Folder 23 | Peptide bonds in globular proteins, by K. Linderstrom-Lang, Hotchkiss, and G. Johansen, 1938
Language of Material: English |
| Box 14, Folder 24 | The determination of peptide bonds in crystalline lactoglobulin, 1939
Language of Material: English |
| Box 14, Folder 25 | Chemical properties of bactericidal substances isolated from cultures of a soil bacillus, by Hotchkiss and R.J. Dubos, 1940
Language of Material: English |
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- Box 14, Folder 25 **Action of gramicidin on streptococci of bovine mastitis, by R. B. Little, R. J. Debos, and Hotchkiss, 1940**
Language of Material: English
- Box 14, Folder 25 **Fractionation of the bactericidal agent from cultures of a soil bacillus, by Hotchkiss and R. J. Dubos, 1940**
Language of Material: English
- Box 14, Folder 25 **Bactericidal fractions from an aerobic sporulating bacillus, by Hotchkiss and R. J. Dubos, 1940**
Language of Material: English
- Box 14, Folder 26 **Gramicidin, Novoxil, and acriflavine for the treatment of chronic form of streptococcic mastitis by R. B. Little, R. J. Dubos, J. and Hotchkiss, 1941**
Language of Material: English
- Box 14, Folder 26 **The occurrence of d-amino acids in gramicidin and tyrocidine by F. Lipmann, Hotchkiss, and R. J. Dubos, 1941**
Language of Material: English
- Box 14, Folder 26 **The chemical nature of gramicidin and tyrocidine, 1941**
Language of Material: English
- Box 14, Folder 26 **The isolation of bactericidal substances from cultures of Bacillus brevis by Hotchkiss and R. J. Dubos, 1941**
Language of Material: English
- Box 14, Folder 26 **The use of gramicidin and other agents for the elimination of the chronic form of bovine mastitis by R. B. Little, R. J. Dubos, Hotchkiss, C. W. Bean, and W. T. Miller, 1941**
Language of Material: English
- Box 14, Folder 26 **The production of bacterial substances by aerobic sporulating bacilli, by Rene J. Dubos and Rollin D. Hotchkiss, 1941**
Language of Material: English
- Box 14, Folder 27 **Origin, nature and properties of gramicidin and tyrocidine, by R. J. Dubos and Hotchkiss, 1942**
Language of Material: English
- Box 14, Folder 28 **Gramicidin, tyrocidine, and tyrothricin, 1944**
Language of Material: English
- Box 14, Folder 29 **The nature of the bactericidal action of surface active agents, 1946**
Language of Material: English
- Box 14, Folder 29 **The distribution of cytochrome oxidase and succinoxidase in the cytoplasm of the mammalian liver cell by G. H. Hogeboom, A. Claude, and Hotchkiss, 1946**
Language of Material: English
- Box 14, Folder 30 **The assimilation of amino acids by respiring washing staphylococci, reprinted from Federation Processings, March 1947**
Language of Material: English
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- Box 14, Folder 31 **The quantitative separation of purines, pyrimidines, and nucleosides by paper chromatography, 1948**
Language of Material: English
- Box 14, Folder 31 **The mode of action of chemotherapeutic agents, 1948**
Language of Material: English
- Box 14, Folder 31 **A microchemical reaction resulting in the staining of polysaccharide structures in fixed tissue preparations, 1948**
Language of Material: English
- Box 14, Folder 32 **The abnormal course of bacterial protein synthesis in the presence of penicillin, 1950**
Language of Material: English
- Box 14, Folder 32 **The effect of penicillin upon protein synthesis by bacteria, 1950**
Language of Material: English
- Box 14, Folder 33 **Transfer of penicillin resistance in pneumococci by the desoxyribonucleate derived from resistant cultures (2 copies), 1951**
Language of Material: English
- Box 14, Folder 34 **The induction of resistance to antibiotics by transformation with deoxyribonucleates, 1952**
Language of Material: English
- Box 14, Folder 34 **Induction of penicillin resistance by transformation (3 copies), 1952**
Language of Material: English
- Box 14, Folder 34 **The role of desoxyribonucleates in bacterial transformations (2 copies), 1952**
Language of Material: English
- Box 14, Folder 35 **Cyclical behavior in pneumococcal growth and transformability occasioned by environmental changes, 1954**
Language of Material: English
- Box 14, Folder 35 **Double marker transformations as evidence of linked factors in desoxyribonucleate transforming agents by Hotchkiss and J. Marmur, 1954**
Language of Material: English
- Box 14, Folder 36 **Bacterial transformation, 1955**
Language of Material: English
- Box 14, Folder 36 **Mannitol metabolism, a transferable property of pneumococcus by J. Marur and Hotchkiss, 1955**
Language of Material: English
- Box 14, Folder 36 **The biological role of the deoxypentose nucleic acids, 1955**
Language of Material: English
- Box 14, Folder 36 **The genetic chemistry of the pneumococcal transformations, 1955**
Language of Material: English
- Box 14, Folder 37 **The assimilation of amino acids by respiring washed staphylococci, 1956**
Language of Material: English
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- Box 14, Folder 37 **The genetic organization of the deoxyribonucleate units functioning in bacterial transformations, 1956**
Language of Material: English
- Box 14, Folder 37 **Transforming factors and bacterial genetics, 1956**
Language of Material: English
- Box 14, Folder 37 **Transformed bacteria, 1956**
Language of Material: English
- Box 14, Folder 38 **Criteria for quantitative genetic transformation of bacteria, 1957**
Language of Material: English
- Box 14, Folder 38 **Initiation of bacterial transformation by M. S. Fox and Hotchkiss, 1957**
Language of Material: English
- Box 14, Folder 38 **Genetic and metabolic mechanism underlying multiple levels of sulphonamide resistance in pneumococci, 1957**
Language of Material: English
- Box 14, Folder 38 **Discussion on infectivity of tobacco mosaic virus nucleic acid, 1957**
Language of Material: English
- Box 14, Folder 39 **Analysis of the complex sulfonamide resistance locus of pneumococcus by A. H. Evans and Hotchkiss, 1958**
Language of Material: English
- Box 14, Folder 39 **In E. L. Tatum, Molecular basis of the cause and expression of somatic cell variation, Symposium in Gatlinburg, 1958**
Language of Material: English
- Box 14, Folder 39 **Size limitations governing the incorporation of genetic material in the bacterial transformation and other non-reciprocal recombinations, 1958**
Language of Material: English
- Box 14, Folder 40 **Function and limitations of deoxyribonucleic acids as genetic determinants, 1959**
Language of Material: English
- Box 15, Folder 1 **Formation of amyloamylase after genetic transformation of pneumococcus by S. A. Lacks and Hotchkiss, 1960**
Language of Material: English
- Box 15, Folder 1 **Appearance of genetic transforming activity in pneumococcal cultures by E. Ottolenghi and Hotchkiss, 1960**
Language of Material: English
- Box 15, Folder 1 **Fine structure of a genetically modified enzyme as revealed by relative affinities for modified substrate by Hotchkiss and A. H. Evans, 1960**
Language of Material: English
- Box 15, Folder 1 **Fate of transforming deoxyribonucleate following fixation by transformable bacteria by M. Fox and Hotchkiss, 1960**
Language of Material: English
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- Box 15, Folder 2 **Selective heat inactivation of pneumococcal transforming deoxyribonucleate, by M. Roger and Hotchkiss, 1961**
Language of Material: English
- Box 15, Folder 3 **Release of genetic transforming agent from pneumococcal cultures during growth and disintegration by E. Ottolenghi and Hotchkiss, 1962**
Language of Material: English
- Box 15, Folder 3 **The application of molecular concepts to genetics in Basic Problems in Neoplastic Diseases, 1962**
Language of Material: English
- Box 15, Folder 4 **Genetically modified folic acid synthesizing enzymes of pneumococcus by B. Wolf and Hotchkiss, 1963**
Language of Material: English
- Box 15, Folder 4 **Genetic transformation as a basis for evolution in bacteria by Hortchkiss and E. Ottolenghi, 1963**
Language of Material: English
- Box 15, Folder 4 **On the role of integrity of marker regions in pneumococcal DNA and their effect upon molecular processes in genetic recombination by J. Kent, M. Roger, and Hotchkiss, 1963**
Language of Material: English
- Box 15, Folder 4 **The fractionation of pneumococcal genetic transforming activity by L. Mindich and Hotchkiss, 1963**
Language of Material: English
- Box 15, Folder 5 **Regulation of the transformability of pneumococcal cultures by macromolecular cell products by A. Tomasz and Hotchkiss, 1964**
Language of Material: English
- Box 15, Folder 5 **Kinetic analyses of multiple, linked recombinations in pneumococcal transformation by J. L. Kent and Hotchkiss, 1964**
Language of Material: English
- Box 15, Folder 5 **Recombination at the molecular level, 1964**
Language of Material: English
- Box 15, Folder 6 **Oswald T. Avery: 1877-1955, 1965**
Language of Material: English
- Box 15, Folder 6 **Discussion: Physiological genetics in: "The Control of Human Heredity and Evolution", 1965**
Language of Material: English
- Box 15, Folder 6 **On the role of integrity and heterogeneity of deoxyribonucleate molecules during genetic recombination in pneumococcal transformation, by J. L. Kent and Hotchkiss, 1965**
Language of Material: English
- Box 15, Folder 6 **Portents for a genetic engineering (2 copies), 1965**
Language of Material: English
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Box 15, Folder 6	Mechanism of recombination in DNA-mediated transformations, 1965 Language of Material: English
Box 15, Folder 7	Gene, transforming principle, and DNA, 1966 Language of Material: English
Box 15, Folder 7	Separation of native and denatured fractions from partially denatured pneumococcal DNA by M. Roger, C. O. Beckmann, and Hotchkiss, 1966 Language of Material: English
Box 15, Folder 7	Manifestation of linear organization in molecules of pneumococcal transforming DNA by M. Gabor and Hotchkiss, 1966 Language of Material: English
Box 15, Folder 7	Microdifferentiation in macromolecules, 1966 Language of Material: English
Box 15, Folder 7	The enzymatic synthesis of dihydrofolate and dihydropteroate in cell-free preparations from wild-type and sulfonamide-resistant pneumococcus by P. J. Ortiz and Hotchkiss, 1966 Language of Material: English
Box 15, Folder 8	Introductory remarks (Introduction to symposium "Polarity of Organization in Genetic Material"), 1967 Language of Material: English
Box 15, Folder 8	Evidences of organization in transfer and expression of bacterial transforming DNA by Hotchkiss, M. Gabor, and M. Roger, 1967 Language of Material: English
Box 15, Folder 8	Perspectives, in: "Symposium on Nuclear Mechanisms", 1967 Language of Material: English
Box 15, Folder 9	Metabolism and growth of gene substance, 1968 Language of Material: English
Box 15, Folder 9	Chairman's Remarks in Regulatory Mechanisms for Protein Synthesis in Mammalian Cells, 1968 Language of Material: English
Box 15, Folder 10	Differences in rate of phenotypic expression in separated strands of pneumococcal transforming DNA and evidence for change of reading direction by M. Gabor and Hotchkiss, 1969 Language of Material: English
Box 15, Folder 10	Preparation of an exonuclease from Lactobacillus which releases 5'-mono-nucleotides from polynucleotides by Z. J. Sabatini and Hotchkiss, 1969 Language of Material: English
Box 15, Folder 11	Stepwise introduction of transformable penicillin resistance in pneumococcus by T. E. Shockley and Hotchkiss, 1970 Language of Material: English

- Box 15, Folder 11 **Bacterial transformation, with special reference to recombination process by Hotchkiss and M. Gabor, 1970**
Language of Material: English
- Box 15, Folder 12 **Apprenticeship among the stars, in: "The Carlsberg Laboratory 1876/1976", 1976**
Language of Material: English
- Box 15, Folder 13 **Foreward to "A feeling for the organism: the life and work of Barbara McClintock", 1993**
Language of Material: English
-

Subseries 3: Papers and other works, 1948-1994 (bulk 1950-1960)

Language of Material: English

- Box 15, Folder 14 **Galley, Review of chemistry and biology of proteins, circa 1950**
Language of Material: English
- Box 15, Folder 15 **Galley, Bacterial transformation, with special reference to recombination process, 1970**
Language of Material: English
- Box 15, Folder 16 **Galley, Models of genetic recombination, 1974**
Language of Material: English
- Box 15, Folder 17 **Research notes, circa 1951**
Language of Material: English
- Box 15, Folder 18 **Speech, untitled (possibly a lecture), circa 1950s**
Language of Material: English
- Box 15, Folder 19 **Speech, Rockefeller Convocation "Presenation of Elena Isabella Rachele Ottolenghi", June 16, 1961**
Language of Material: English
- Box 15, Folder 20 **Summary of work, undated**
Language of Material: English
- Box 15, Folder 21 **Symposium, Etudes chimiques sur le facteur transformant du pneumocoque, June-July 1948**
Language of Material: French
- Box 15, Folder 22 **Symposiums, General, 1957-1977, 1994**
Language of Material: English
- Box 15, Folder 23 **Typescript, Chemical studies on the transforming factor of pneumococcus, 1948**
Language of Material: English
- Box 15, Folder 24 **Typescript, Biochemical problems of the multiplying bacterial cell, March 25, 1953**
Language of Material: English
- Box 15, Folder 25 **Typescript, The transfer of hereditary properties in bacteria (partial draft), 1954**
Language of Material: English
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- Box 15, Folder 26 **Typescript, The assimilation of amino acids by respiring washed staphylococci, circa 1956**
Language of Material: English
- Box 15, Folder 27 **Typescript, Untitled, section starts "Limitations of fine structures analysis", circa 1960**
Language of Material: English
- Box 15, Folder 28 **Typescript, Bacterial transformation, with special reference to recombination process by Hotchkiss and Magda Gabor, circa 1970**
Language of Material: English
- Box 15, Folder 29 **Typescript, Letter to the editor of Nature in regard to the H. V. Wyatt paper "When does information become knowledge". circa 1972**
Language of Material: English
- Box 16, Folder 1 **Typescript, Albany talk for March 21, 1986 with correspondence with Maurice Fox, circa 1986**
Language of Material: English
- Box 16, Folder 2 **Typescript, The genetic chemistry of the pneumococcal transformations (partial draft), undated**
Language of Material: English
- Box 16, Folder 3 **Typescript, Some pages of reviews (N.Y. Acad), undated**
Language of Material: English
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Subseries 4: Writings by others, 1925-1969

- Language of Material: English
- Box 16, Folder 4 **Austrian, R. and C. MacLeod. Acquisition of M protein by pneumococci through transformation reactions, April 1, 1949**
Language of Material: English
- Box 16, Folder 5 **Avery, O.T., C. MacLeod, and McCarty. Studies on the chemical nature of the substance inducing transformation of pneumococcal types, February 1, 1944**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Avery, O. T. and H. J. Morgan, Immunological reactions of the isolated carbohydrate and protein of pneumococcus, 1925**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Avery, O. T. and W. S. Tillett. Anaphylaxis with the type-specific carbohydrates of pneumococcus, 1929**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Tillett, W.S. and T. Francis Serological reactions in pneumonia with a non-protein somatic fraction of pneumococcus, 1930**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Francis, T. and W. S. Tillett Cutaneous reactions in pneumonia..., 1930**
Language of Material: English
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- Box 16, Folder 6 **Bound offprints, Tillett, W.S., W.D. Goebel, and O.T. Avery, Chemical and immunological properties of a species specific carbohydrate of pneumococci, 1930**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Dubos, R. J. The effect of formaldehyde on pneumococci, 1938**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Dubos and MacLeod The effect of a tissue enzyme upon pneumococci, 1938**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Dubos and Avery Decomposition of the capsular polysaccharide of pneumococcus type III by a bacterial enzyme, 1931**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Avery and Dubos The protective action of a specific enzyme against type III pneumococci infection in mice, 1931**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Dubos Factors affecting the yield of specific enzyme in cultures of the bacillus decomposing the capsular polysaccharides of type III pneumococcus, 1932**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goebel, W. F. and Avery The soluble specific substance of Friendlander's bacillus, 1927**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Heidelberger, M. Avery, and Goebel A soluble specific substance derived from gum Arabic, 1929**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Hiedleberger, M. and F. Kendall Specific and non-specific polysaccharides of type IV pneumococcus, 1931**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Heidelberger, M. and F. Kendall Carbohydrate -containing proteins of the hemolytic streptococcus, 1936**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Heidelberger, M. and F. Kendall Studies of the precipitin reaction, 1933**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Heidelberger, M., F. Kendall and W Scherp The specific polysaccharides of types I, II and III pneumococcus, 1936**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goodner, K. and F. L. Horsfall The complement fixation reaction with pneumococcus capsular polysaccharide, 1936**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goebel, W. F. and Avery Chemo-immunological studies on conjugated carbohydrate-proteins [pts. I-III], 1929**
Language of Material: English
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- Box 16, Folder 6 **Bound offprints, Goebel and Avery Chemo-immunological studies on conjugated carbohydrate-proteins, 1931**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goebel W. F., F. H. Babers and Avery Chemo-immunological studies on conjugated carbohydrate-proteins [pt. VI], 1932**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goebel W. F., F. H. Babers and Avery Chemo-immunological studies on conjugated carbohydrate-proteins [pt VII], 1932**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goebel W. F., F. H. Babers and Avery Chemo-immunological studies on conjugated carbohydrate-proteins [pt. VIII], 1934**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goebel W. F., F. H. Babers and Avery Chemo-immunological studies on conjugated carbohydrate-proteins [pt. IX], 1934**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goebel W. F. Chemo-immunological studies on conjugated carbohydrate-proteins [pt. X], 1936**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goebel W. F. and Hotchkiss Chemo-immunological studies on conjugated carbohydrate-proteins [pt. XI], 1937**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goebel W. F. Chemo-immunological studies on conjugated carbohydrate-proteins [pt. XII], 1938**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Avery and Goebel. Chemoimmunological studies on the soluble specific substance of pneumococcus, 1933**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Chow, B. F. and Goebel The purification of the antibodies in type I anti-pneumococcus serum, and the chemical nature of the type-specific precipitin reaction, 1935**
Language of Material: English
- Box 16, Folder 6 **Bound offprints, Goebel The isolation of the blood group A specific substance from commercial peptone, 1938**
Language of Material: English
- Box 16, Folder 7 **Braco, R.M, M. R. Krauss, A. S. Roe, and C. MacLeod. Transformation reactions between pneumococcus and three strains of streptococci, August 1, 1957**
Language of Material: English
- Box 16, Folder 8 **Ephrussi-Taylor, H. Additive effects of certain transforming agents from some variants of pneumococcus, 1949**
Language of Material: English
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- Box 16, Folder 8 **Ephrussi-Taylor. Heredity in pneumococci, 1950**
 Language of Material: English
- Box 16, Folder 8 **Ephrussi-Taylor, H . Genetic mechanisms in bacteria and bacterial viruses III: Genetic aspect of transformation of pneumococci, 1951**
 Language of Material: English
- Box 16, Folder 8 **Ephrussi-Taylor and L. Goldstein. Transformations allogens du pneumococque (2 copies), 1951**
 Language of Material: English
- Box 16, Folder 8 **Ephrussi-Taylor. Genetic function and molecular structure of DNA, 1956**
 Language of Material: English
- Box 16, Folder 8 **Ephrussi-Taylor. X-ray inactivation studies on solutions of transforming DNA of pneumococcus, 1956**
 Language of Material: English
- Box 16, Folder 8 **Ephrussi-Taylor. The mechanism of deoxyribonucleic acid-induced transformations, 1958**
 Language of Material: English
- Box 16, Folder 8 **Ephrussi-Taylor. Typescript, The study of the molecular level of recombination in bacterial transformation (2 copies), [1961]**
 Language of Material: English
- Box 16, Folder 8 **Ephrussi-Taylor. Etude de la recombinaison a l'echelle moleculaire dans la transformation bacterienne, 1961**
 Language of Material: French
- Box 16, Folder 9 **Ephrussi-Taylor. Appearance of streptomycin resistance following the uptake of transforming deoxyribonucleic acid in pneumococcus (2 copies), 1962**
 Language of Material: English
- Box 16, Folder 9 **Ephrussi-Taylor and B. A. Freed. Incorporation of thymidine and amino acids into deoxyribonucleic acid and acid-insoluble cell structures, 1963**
 Language of Material: English
- Box 16, Folder 9 **Ephrussi-Taylor, A. M. Sicard, and R. Kamen. Generic recombination in DNA-induced transformation of pneumococcus. I. The problem of relative efficiency of transforming factors (2 copies), 1964**
 Language of Material: English
- Box 16, Folder 10 **Ephrussi-Taylor and A. M. Sicard. Genetic recombination in DNA-induced transformation of pneumococcus II. Mapping the amiA region (3 copies), 1965**
 Language of Material: English
- Box 16, Folder 10 **Ephrussi-Taylor, H. Genetic recombination in DNA-induced transformation of pneumococcus. IV. The pattern of transmission and phenotypic expression of high and low -efficiency donor sites in the amiA locus (2 copies), 1966**
 Language of Material: English
- Box 16, Folder 10 **Ephrussi -Taylor and T. Gray. Generic studies of recombining DNA in pneumococcal transformation, 1966**
 Language of Material: English
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- Box 16, Folder 10 **Ephrussi-Taylor and Sicard. Recombinaison genetique dans la transformation chez le pneumocoque. Etude das reversionis au locus amiA, 1966**
Language of Material: English
- Box 16, Folder 11 **Litt, M., J. Marmur, H. Ephrussi-Taylor, and P. Doty. The dependence of pneumococcal transformation on the molecular weight of deoxyribose nucleic acid, February, 1958**
Language of Material: English
- Box 16, Folder 12 **Litman, R. M and H. Ephrussi-Taylor. Inactivation et mutation des facteurs genetiques de l'acide desoxyribonucleique du pneumocoque par l'ultraviolet et par l'acide nitreux, 1959**
Language of Material: English
- Box 16, Folder 13 **Louarn, J. and A. M. Sicard. Identical initial steps during transformation for high and low efficiency markers in Diplococcus pneumoniae, 1968**
Language of Material: English
- Box 16, Folder 13 **Louarn, J. and A. M. Sicard. Identical transformability of both strands of recipient DNA in diplococcus pneumoniae, 1968**
Language of Material: English
- Box 16, Folder 14 **MacLeod, C. and M. R. Krauss. Stepwise intertype transformation of pneumococcus from R to S by way of a variant intermediate in capsular polysaccharide production (2 copies), 1947**
Language of Material: English
- Box 16, Folder 14 **MacLeod, C. and M. R. Krauss. Relation of virulence of pneumococcal strains for mice to the quantity of capsular polysaccharide formed in vitro, 1950**
Language of Material: English
- Box 16, Folder 14 **MacLeod, C. and M. R. Krauss. Control by factors distinct from the S transforming principle of the amount of capsular polysaccharide produced by type III pneumococci (2 copies), 1953**
Language of Material: English
- Box 16, Folder 15 **McCarty, M. Reversible inactivation of the substance inducing transformation of pneumococcal types, 1945**
Language of Material: English
- Box 16, Folder 15 **McCarty, M., H. Ephrussi-Taylor, and O.T. Avery. Biochemical studies of environmental factors essential in transformation of the pneumococcal types, 1946**
Language of Material: English
- Box 16, Folder 15 **McCarty, M. Purification and properties of deoxyribonuclease isolated from beef pancreas, 1946**
Language of Material: English
- Box 16, Folder 15 **McCarty, M. and O. T. Avery. Studies in the chemical nature of the substance inducing transformation of pneumococcal types, 1946**
Language of Material: English
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- Box 16, Folder 15 **McCarty, M. Chemical nature and biological specificity of the substance inducing transformation of pneumococcal types, 1946**
Language of Material: English
- Box 16, Folder 15 **McCarty, M. The occurrence of nucleases in culture filtrates of group A hemolytic streptococci, 1948**
Language of Material: English
- Box 16, Folder 16 **Martin, C. and Ephrussi-Taylor. Effects of partial deuteration on transforming DNA of pneumococcus (2 copies), 1964**
Language of Material: English
- Box 16, Folder 17 **Michel, J. F., A. M. Sicard, and H. Ephrussi-Taylor. Comparaison de deux methodes d'etude des liaisons faibles dans la transformation de pneumocoque (2 copies), 1964**
Language of Material: English
- Box 16, Folder 18 **Rolfe, R. and H. Ephrussi-Taylor. Density differences between genetic markers in pneumococcal transforming principle, September 1961**
Language of Material: English
- Box 16, Folder 19 **Stocker, B. A. D., M. R. Krauss, and C. M. MacLeod. Quantitative experiments on pneumococcal transformation, 1953**
Language of Material: English

Series IX: Aaron Klug papers, 1927-1998 (bulk 1955-1985)

Language of Material: English

Arrangement note

This series is organized into 10 subseries. Subseries 1: Correspondence (organized alphabetically then chronologically), Subseries 2: Laboratory notebooks (organized chronologically, folders retain original titles), Subseries 3: Research notes (organized alphabetically then chronologically, many folders retain original titles), Subseries 4: Photographs (organized alphabetically then chronologically), Subseries 5: Conferences, meetings, and symposia (organized alphabetically then chronologically), Subseries 6: Lectures and presentations (alphabetically then chronologically), Subseries 7: Papers and other works by Klug (organized chronologically), Subseries 8: Reprints by Klug (organized chronologically), Subseries 9: Subject files (organized alphabetically, many folders retain original titles), Subseries 10: Writings by others (organized alphabetically then chronologically).

Subseries 1: Correspondence, 1953-1998

Language of Material: English

- Box 17, Folder 1 **Aach-Aprahamian - Miscellaneous, December 1958-September 1979**
Language of Material: English
- Box 17, Folder 2 **Ardley-Azzone - Miscellaneous, January 1958-March 1977**
Language of Material: English
- Box 17, Folder 3 **Agricultural Research Council, November 1961-June 1962**
Language of Material: English
- Box 17, Folder 4 **Academic Press Inc., October 1958-March 1978**
Language of Material: English
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- Box 17, Folder 5 **Anderson, Thomas F., January 1964-November 1965**
 Language of Material: English
 Includes
 documents and photographs
- Box 17, Folder 6 **B-Bozicevich - Miscellaneous, MAy 1957-September 1985**
 Language of Material: English
- Box 17, Folder 7 **Bawden, F.C., September 1958-August 1965**
 Language of Material: English
- Box 17, Folder 8 **Beer, Michael, February 1966-May 1969**
 Language of Material: English
- Box 17, Folder 9 **Beers, Ronald F., September 1960-March 1961**
 Language of Material: English
- Box 17, Folder 10 **Berger, Jacob E., September 1963-May 1969**
 Language of Material: English
- Box 17, Folder 11 **Bernal, J.D., May 1956-August 1961**
 Language of Material: English
- Box 17, Folder 12 **Birkbeck College, June 1956-July 1968**
 Language of Material: English
- Box 17, Folder 13 **Blow, David, April 1958-July 1974**
 Language of Material: English
- Box 17, Folder 14 **Brachet-Bryers - Miscellaneous, October 1956-October 1984**
 Language of Material: English
- Box 18, Folder 1 **Bragg, Lawrence, October 1957-July 1970**
 Language of Material: English
 Includes
 Documents and photographs
- Box 18, Folder 2 **Breedis, Charles, June 1964-January 1967**
 Language of Material: English
- Box 18, Folder 3 **Brinton, Charles, July 1960-March 1963**
 Language of Material: English
- Box 18, Folder 4 **Brussels Exhibition, November 1957-July 1959**
 Language of Material: English
- Box 18, Folder 5 **Bullough, R.K., August 1963-June 1965**
 Language of Material: English
- Box 18, Folder 6 **Ca-Clube - Miscellaneous, October 1953- June 1983**
 Includes
 Documents and photographs
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Box 18, Folder 7	Co-Cussons - Miscellaneous, August 1954-February 1989 Language of Material: English
Box 18, Folder 8	Caspar, Donald 1957, February-March 1957 Language of Material: English
Box 18, Folder 9	Caspar, Donald 1958, February-December 1958 Language of Material: English Includes Documents and photographs
Box 18, Folder 10	Caspar, Donald 1959, January-December 1959 Language of Material: English
Box 18, Folder 11	Caspar, Donald 1960, January-December 1960 Language of Material: English Includes Documents and photographs
Box 18, Folder 12	Caspar, Donald 1961, January-November 1961 Language of Material: English Scope and Contents note Documents and photographs
Box 18, Folder 13	Caspar, Donald 1962, January-March 1962 Language of Material: English
Box 19, Folder 1	Caspar, Donald 1962, April-November 1962 Language of Material: English
Box 19, Folder 2	Caspar, Donald 1963, February-December 1963 Language of Material: English
Box 19, Folder 3	Casper, Donald 1964, January-December 1964 Language of Material: English
Box 19, Folder 4	Caspar, Donald 1965, January-December 1965 Language of Material: English
Box 19, Folder 5	Caspar, Donald 1966, February-September 1966 Language of Material: English
Box 19, Folder 6	Caspar, Donald 1967, January-December 1967 Language of Material: English
Box 19, Folder 7	Caspar, Donald 1968, January-December 1968 Language of Material: English
Box 19, Folder 8	Caspar, Donald 1969, April-December 1969 Language of Material: English
Box 19, Folder 9	Caspar, Donald 1972, August 1972-September 1974 Language of Material: English

Box 19, Folder 10	Chapman, Dennis, April 1965-February 1966 Language of Material: English
Box 19, Folder 11	Chemical & Engineering News, January-February 1966 Language of Material: English
Box 19, Folder 12	Chovnick, Arthur, January-February 1962 Language of Material: English
Box 19, Folder 13	Cochran, William, May 1957-October 1969 Language of Material: English
Box 19, Folder 14	Cold Spring Harbor Symposium, July 1970-November 1971 Language of Material: English
Box 19, Folder 15	Crick, Francis 1956, December 1956 Language of Material: English
Box 19, Folder 16	Crick, Francis 1957, January 1957 Language of Material: English
Box 19, Folder 17	Crick, Francis 1958, April-December 1958 Language of Material: English
Box 19, Folder 18	Crick, Francis 1959, February 1959 Language of Material: English
Box 19, Folder 19	Crick, Francis 1960, October 8, 1960 Language of Material: English
Box 19, Folder 20	Crick, Francis 1961, January 1961 Language of Material: English
Box 19, Folder 21	Crick, Francis 1963, September-October 1963 Language of Material: English
Box 19, Folder 22	Crick, Francis 1965-1970, 1965-1970 Language of Material: English
Box 19, Folder 23	Crick, Francis 1974, June-November 1974 Language of Material: English
Box 19, Folder 24	Crick, Francis 1975, June-September 1975 Language of Material: English
Box 19, Folder 25	Crick, Francis 1976, May-December 1976 Language of Material: English
Box 19, Folder 26	Crick, Francis 1977, January-March 1977 Language of Material: English
Box 20, Folder 1	Crick, Francis 1977, April-November 1977 Language of Material: English

Box 20, Folder 2	Crick, Francis 1978, January-November 1978 Language of Material: English
Box 20, Folder 3	Crick, Francis 1979, August-December 1979 Language of Material: English
Box 20, Folder 4	Crick, Francis 1987, September-October 1987 Language of Material: English
Box 20, Folder 5	Crick, Francis 1990-1994, 1990-1994 Language of Material: English
Box 20, Folder 6	Crick, Francis 1995-1998 1995-1998 Language of Material: English
Box 20, Folder 7	Crick, Francis undated, Undated Language of Material: English
Box 20, Folder 8	Crick, Francis letters to others 1955-1977 Language of Material: English
Box 20, Folder 9	Da-Dixon - Miscellaneous, June 1959-July 1980 Language of Material: English
Box 20, Folder 10	Davidson, J.N. (Progress in Nucleic Acid Research), July 1962-September 1963 Language of Material: English
Box 20, Folder 11	Detheridge, Michael, Noevember 1966-June 1967 Language of Material: English
Box 20, Folder 12	Dmochowski, Leon, May 1962-February 1963 Language of Material: English
Box 20, Folder 13	Doetsch-DuPraw - Miscellaneous, July 1958-March 1977 Language of Material: English
Box 20, Folder 14	Doty, Paul, September 1959-December 1966 Language of Material: English
Box 20, Folder 15	E-Ellis - Miscellaneous May 1956-April 1980 Language of Material: English
Box 20, Folder 16	Elliott Electronic Tubes/Elliott Brothers, November 1967-April 1973 Language of Material: English
Box 21, Folder 1	Edward, D.G., August 1963-June 1964 Language of Material: English
Box 21, Folder 2	Els-Ewald, November 1957-October 1977 Language of Material: English
Box 21, Folder 3	Elson, David, January-May 1959 Language of Material: English

Box 21, Folder 4	EMBO Workshop on tRNA, November 1970-March 1971 Language of Material: English
Box 21, Folder 5	F-Fitton - Miscellaneous, May 1962-September 1983 Language of Material: English
Box 21, Folder 6	Floud-Fulton - Miscellaneous, April 1957-November 1979 Language of Material: English
Box 21, Folder 7	The Faraday Society, February 1958-June 1962 Language of Material: English
Box 21, Folder 8	Fassman, J.D., July 1960-November 1971 Language of Material: English
Box 21, Folder 9	Festenstein, Gerald N., July-October 1958 Language of Material: English
Box 21, Folder 10	Finch, John T., 1957-1966 Language of Material: English
Box 21, Folder 11	Forty, A.J., March-April 1966 Language of Material: English
Box 21, Folder 12	Fraenkel-Conrat, Heinz, January 1958-March 1973 Language of Material: English
Box 21, Folder 13	Fresco, Jacques, January 1963-June 1978 Language of Material: English
Box 21, Folder 14	Frisch, Leonora, March-September 1962 Language of Material: English
Box 21, Folder 15	G-Godward - Miscellaneous, November 1958-March 1979 Language of Material: English
Box 21, Folder 16	Goldberg-Gutfreund - Miscellaneous, May 1957-July 1979 Language of Material: English
Box 21, Folder 17	Geiduschek, E. Peter, August 1968-October 1969 Language of Material: English
Box 21, Folder 18	Gibbons, Ian, April 1969-April 1970 Language of Material: English
Box 21, Folder 19	Gibbs, A.J., May 1960-August 1970 Language of Material: English
Box 21, Folder 20	Goeffe, Alan, July 1963-September 1965 Language of Material: English
Box 21, Folder 21	Gordon, Richard, March 1970-September 1977 Language of Material: English

Box 21, Folder 22	Grant Instruments, April 1959-March 1961 Language of Material: English
Box 21, Folder 23	Guschlbauer, Wilhelm, November 1967-October 1971 Language of Material: English
Box 22, Folder 1	H-Hindley - Miscellaneous, June 1957-December 1979 Language of Material: English
Box 22, Folder 2	Hines-Hutchinson - Miscellaneous, February 1956-June 1980 Language of Material: English Includes Documents and photographs
Box 22, Folder 3	Haggis, G.H., December 1960-June 1964 Language of Material: English
Box 22, Folder 4	Harker, David, September 1959-January 1965 Language of Material: English
Box 22, Folder 5	Harris, R.J.C., August-October 1970 Language of Material: English
Box 22, Folder 6	Harrison, Bryan D., October 1965-May 1971 Language of Material: English
Box 22, Folder 7	Harrison, Pauline, July 1958-August 1960 Language of Material: English
Box 22, Folder 8	Haselkorn, Robert, January 1960-April 1970 Language of Material: English
Box 22, Folder 9	Herbstein, Frank H., March 1966-March 1967 Language of Material: English
Box 22, Folder 10	Highton, Peter J., March 1966-December 1972 Language of Material: English
Box 22, Folder 11	Hilger & Watts, LTD, June 1957-March 1961 Language of Material: English
Box 22, Folder 12	Hillman, Richard E., November 1962-March 1963 Language of Material: English
Box 22, Folder 13	Hindley, John, May 1957-May 1960 Language of Material: English
Box 22, Folder 14	Hirth, J., October 1962-December 1970 Language of Material: French
Box 22, Folder 15	Hoglund, Stefan, December 1967-October 1970 Language of Material: English

Box 22, Folder 16	Holmes, Kenneth C., October 1959-September 1970 Language of Material: English
Box 22, Folder 17	Horne, P., December 1962-September 1971 Language of Material: French
Box 22, Folder 18	Horne, Robert W., November 1963-July 1972 Language of Material: English
Box 22, Folder 19	Huxley, Hugh E., August 1968-July 1972 Language of Material: English
Box 22, Folder 20	Ikehara-Iyengar, June 1958-April 1979 Language of Material: English
Box 22, Folder 21	J-Jurtshuk - Miscellaneous,, June 1956-December 1983 Language of Material: English
Box 22, Folder 22	James, R.W., May 1958-April 1964 Language of Material: English
Box 22, Folder 23	Jeffrey, G.A., January-February 1969 Language of Material: English
Box 22, Folder 24	Julesz, Bela, July-September 1965 Language of Material: English
Box 22, Folder 25	Juritz, John W.F., February 1962-August 1969 Language of Material: English
Box 23, Folder 1	Kale-Kay, September 1956-May 1979 Language of Material: English
Box 23, Folder 2	Kearns-Kushner, March 1958-July 1980 Language of Material: English
Box 23, Folder 3	Kaesberg, Paul, September 1959-January 1962 Language of Material: English
Box 23, Folder 4	Kaminer, Bennie, June 1962-June 1974 Language of Material: English
Box 23, Folder 5	Kaper, Jaap M., November 1958-November 1974 Language of Material: English
Box 23, Folder 6	Katchalsky, A., February 1959-May 1967 Language of Material: English
Box 23, Folder 7	Keller, Alex, April 1958-November 1983 Language of Material: English
Box 23, Folder 8	Kendrew, John C., April 1958-January 1976 Language of Material: English

Box 23, Folder 9	Kent, L.H., December 1959-November 1963 Language of Material: English
Box 23, Folder 10	Knight, C.A., July 1959-June 1971 Language of Material: English
Box 23, Folder 11	Kupke, Donald W., March-May 1963 Language of Material: English
Box 23, Folder 12	Laboratory of N.V. Philips-Leybold, June 1959-July 1980 Language of Material: English
Box 23, Folder 13	Li-Lyndon - Miscellaneous, June 1953-April 1980 Language of Material: English
Box 23, Folder 14	Laqueur, Walter, December 1963-February 1964 Language of Material: English
Box 23, Folder 15	Langridge, Robert July 1960-April 1969 Language of Material: English
Box 23, Folder 16	Leberman, Reuben, May 1961-September 1968 Language of Material: English
Box 23, Folder 17	Lecture and Meeting Invitations 1978, 1978 Language of Material: English
Box 23, Folder 18	Lecture and Meeting Invitations 1979-1980, 1979-1980 Language of Material: English
Box 24, Folder 1	Lecture and Meeting Invitations-Declined, 1977-1980 Language of Material: English
Box 24, Folder 2	Leslie, Ian, September 1961-March 1962 Language of Material: English
Box 24, Folder 3	Lifson, H., October 1961-March 1966 Language of Material: English
Box 24, Folder 4	Longley, William, April 1961-May 1967 Language of Material: English
Box 24, Folder 5	Longuet, Higgins, H. Christopher, October 1966-September 1974 Language of Material: English
Box 24, Folder 6	Low, Barbara, September 1959-October 1978 Language of Material: English
Box 24, Folder 7	Lowy, Jack, June 1965-October 1967 Language of Material: English
Box 24, Folder 8	Luria, Salvador E., June 1966-October 1967 Language of Material: English

Box 24, Folder 9	Luzzati, Vittorio, January 1958-March 1973 Language of Material: English
Box 24, Folder 10	M-Menninger, June 1959-July 1979 Language of Material: English
Box 24, Folder 11	Middleton-Myers, June 1958-November 1991 Language of Material: English
Box 24, Folder 12	Mackay, Alan, May 1964-July 1967 Language of Material: English
Box 24, Folder 13	Magdoff, Beatrice, May 1958-November 1966 Language of Material: English
Box 24, Folder 14	Marchessault, Robert H., March 1969-March 1971 Language of Material: English
Box 24, Folder 15	Markham, Roy, June 1956-March 1969 Language of Material: English
Box 24, Folder 16	Marios, Maurice, February 1968-September 1978 Language of Material: English
Box 24, Folder 17	Masurovsky, Edmund B., June-September 1969 Language of Material: English
Box 24, Folder 18	Mattern, Carl F.T., September 1959-June 1970 Language of Material: English
Box 24, Folder 19	Matthews, R.E.F., May 1959-January 1966 Language of Material: English
Box 24, Folder 20	McCrea, W.H., September 1959-April 1966 Language of Material: English
Box 24, Folder 21	Melchers, G., October 1964-May 1969 Language of Material: English
Box 24, Folder 22	Micklethwait, Peter, August 1969-April 1970 Language of Material: English
Box 24, Folder 23	Murrant, A.F., January-March 1963 Language of Material: English
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Box 25, Folder 2	N-Newmark, February 1957-August 1980 Language of Material: English
Box 25, Folder 3	Nicholas-Northcote, March 1961-April 1985 Language of Material: English

Box 25, Folder 4	Nature, November 1968-April 1983 Language of Material: English
Box 25, Folder 5	Naylor, Sheelagh, August 1965-August 1971 Language of Material: English
Box 25, Folder 6	Neurath, Hans, October 1969-December 1971 Language of Material: English
Box 25, Folder 7	New Scientist, July 1962-September 1972 Language of Material: English
Box 25, Folder 8	Nixon, H.L., October 1959-February 1960 Language of Material: English
Box 25, Folder 9	National Institute of Health, May 1958-September 1964 Language of Material: English
Box 25, Folder 10	Nordman, C.E., April-July 1969 Language of Material: English
Box 25, Folder 11	Norris, John R., March 1967-May 1968 Language of Material: English
Box 25, Folder 12	O - Miscellaneous, June 1956-May 1983 Language of Material: English
Box 25, Folder 13	P-Perrott, June 1959-September 1978 Language of Material: English
Box 25, Folder 14	Petermann-Pullan, June 1966-July 1980 Language of Material: English
Box 25, Folder 15	Pauling, L., September-October 1959 Language of Material: English
Box 25, Folder 16	Peacocke, A.R., July 1956-July 1960 Language of Material: English
Box 25, Folder 17	Pennington, R., May-September 1967 Language of Material: English
Box 25, Folder 18	Perutz, Max F., January 1958-February 1968 Language of Material: English
Box 25, Folder 19	Phillips, David C., September 1964-October 1974 Language of Material: English
Box 25, Folder 20	Porter, Keith, July 1969-October 1970 Language of Material: English
Box 25, Folder 21	R-Rizzoli, November 1959-September 1992 Language of Material: English

Box 26, Folder 1	Robb-Ruttkey, September 1959-April 1981 Language of Material: English
Box 26, Folder 2	Randall, J.T., November 29,1960 Language of Material: English
Box 26, Folder 3	Reed, Martin, June-October 1971 Language of Material: English
Box 26, Folder 4	Rich, Alexander, January 1958-August 1974 Language of Material: English
Box 26, Folder 5	Richards, Frederic M., September 1963-July 1971 Language of Material: English
Box 26, Folder 6	Rockefeller Foundation, September 1957-December 1959 Language of Material: English
Box 26, Folder 7	Rowatt, Elizabeth, November 1963-November 1960 Language of Material: English
Box 26, Folder 8	S-Sh - Miscellaneous, December 1957-April 1980 Language of Material: English
Box 26, Folder 9	Si-So - Miscellaneous, October 1956-February 1979 Language of Material: English
Box 26, Folder 10	Sp-Sz - Miscellaneous, September 1959-October 1982 Language of Material: English
Box 26, Folder 11	Sandler, Sheldon S., March - August 1969 Language of Material: English
Box 26, Folder 12	Schachman, Howard K., May 1956-September 1958 Language of Material: English
Box 26, Folder 13	Schaffer, Frederick L. July 1959-July 1962 Language of Material: English
Box 26, Folder 14	Schrager, George R., April 1964-April 1969 Language of Material: English
Box 26, Folder 15	Science Journal, August 1965-February 1967 Language of Material: English
Box 26, Folder 16	Science Museum, January 1959-May 1968 Language of Material: English
Box 26, Folder 17	Shawcraft, November 1966-December 1967 Language of Material: English
Box 26, Folder 18	Siegel, Albert April-December 1971 Language of Material: English

Box 26, Folder 19	Smith, John D., November 1957-October 1968 Language of Material: English
Box 26, Folder 20	Smith, Kenneth M., November 1957-April 1980 Language of Material: English
Box 27, Folder 1	Spencer, Mike, October 1965-January 1969 Language of Material: English
Box 27, Folder 2	Steere, Russell, November 1958-October 1959 Language of Material: English
Box 27, Folder 3	Stormer, Fredrik C., May 1968-September 1969 Language of Material: English Includes Documents and photographs
Box 27, Folder 4	Stroke, George W., June 1966-October 1977 Language of Material: English
Box 27, Folder 5	Szent-Gyorgyi, Andrew G., November 1968-March 1971 Language of Material: English
Box 27, Folder 6	T-Terzi - Miscellaneous, April 1958-November 1977 Language of Material: English
Box 27, Folder 7	Th-Tu - Miscellaneous, June 1959-June 1982 Language of Material: English
Box 27, Folder 8	Taylor, C.A., March 1960-March 1970 Language of Material: English
Box 27, Folder 9	Temperley, H.N.V., October 1958-June 1959 Language of Material: English
Box 27, Folder 10	Thos. Cook & Son, March 1961-October 1977 Language of Material: English
Box 27, Folder 11	Traub, Wolfie, September 1960-February 1974 Language of Material: English
Box 27, Folder 12	tRNA model, January 1973-June 1974 Language of Material: English
Box 27, Folder 13	tRNA Model Controversy with Alex Rich, July-December 1974 Language of Material: English
Box 27, Folder 14	U - Miscellaneous, June 1959-August 1979 Language of Material: English
Box 27, Folder 15	Unidentified, December 1954-January 1985, Language of Material: English

Box 27, Folder 16	V - Miscellaneous, September 1959-August 1979 Language of Material: English
Box 27, Folder 17	Vadilo, P.S., October 1961-October 1969 Language of Material: English
Box 27, Folder 18	Valentine, Robin, October 1962-December 1967 Language of Material: English
Box 28, Folder 1	Veldstra, H., January 1959-April 1963 Language of Material: English
Box 28, Folder 2	Van Regenmortel, M.H.V., April 1966-June 1974 Language of Material: English
Box 28, Folder 3	Visitor Applications, October 1975-May 1980 Language of Material: English
Box 28, Folder 4	Visitor Applications-Rejected, March 1977-April 1980 Language of Material: English
Box 28, Folder 5	Von Sengbusch, Peter July 1969-December 1970 Language of Material: English
Box 28, Folder 6	W-Weiz - Miscellaneous, May 1959-August 1983, Language of Material: English
Box 28, Folder 7	Wells-Wyns - Miscellaneous, July 1955-October 1986 Language of Material: English
Box 28, Folder 8	Watson, James D., November 1976-September 1970 Language of Material: English
Box 28, Folder 9	Watts-Tobin, Richard J., November 1969-October 1971 Language of Material: English
Box 28, Folder 10	Westwood, J.C.N., June-December 1963 Language of Material: English
Box 28, Folder 11	Wildman, Sam, September 1959-March 1961 Language of Material: English
Box 28, Folder 12	Williams, Robley C., November 1957-February 1973 Language of Material: English
Box 28, Folder 13	Wilkins, Maurice F., November 1956-January 1973 Language of Material: English
Box 28, Folder 14	Wilson, A.J.C., May-July 1963 Language of Material: English
Box 28, Folder 15	Wittmann, H.G., June 1964-July 1970 Language of Material: English

Box 30, Folder 3	FHCC Summer 1978, 1978-1981 Language of Material: English Scope and Contents note Includes Francis H. C. Crick inventory sequences, 1978
Box 30, Folder 4	Gordon Conference June 1978, June 1978 Language of Material: English
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Scope and Contents note

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Box 50, Folder 11	Joint Probability Distribution of Structure Factors and the Phase Problems, 1958 Language of Material: English
Box 50, Folder 12	Eye on Research: Smaller Than Life TV program, typescript and program outline, 1958 Language of Material: English
Box 50, Folder 13	Correlation Between the Signs $U_{h+h'}$ and U_{h-h}, 1958 Language of Material: English
Box 50, Folder 14	Studies on the Structures of Some Small Spherical Viruses, undated Language of Material: English
Box 50, Folder 15	Reply to Serve Comments by Kale and Hampton, 1959 Language of Material: English
Box 50, Folder 16	X-ray Diffraction Studies on Ribosomes from Various Sources (1), 1960 Language of Material: English
Box 50, Folder 17 Box 50, Folder 18	X-ray Diffraction Studies on Ribosomes from Various Sources (2), 1960 The Crystal Lattices of TYMV, Longly and Klug, circa 1960 Language of Material: English
Box 50, Folder 19	Model of a Spherical Virus: TMV, circa 1960 Language of Material: English
Box 50, Folder 20	Physical Principles, Klug/Caspar (1), 1962 Language of Material: English
Box 50, Folder 21	Physical Principles, Klug/Caspar (2), 1962 Language of Material: English
Box 50, Folder 22	Physical Principles, Klug/Caspar (3), 1962 Language of Material: English
Box 51, Folder 1	Physical Principles, Klug/Caspar (4), 1962 Language of Material: English
Box 51, Folder 2	Physical Principles, Klug/Caspar (5), 1962 Language of Material: English
Box 51, Folder 3	Physical Principles, Klug/Caspar (6), 1962 Language of Material: English
Box 51, Folder 4	Physical Principles, Klug/Caspar (7), 1962 Language of Material: English

Box 51, Folder 5	The Architecture of Plant Viruses, 1963 Language of Material: English
Box 51, Folder 6	Two-Dimensional Projection Through the Subunit of TMV, 1964 Language of Material: English
Box 51, Folder 7	Chemical Structure of Viruses, circa 1966 Language of Material: English
Box 51, Folder 8	Interview with Medical News typescript, September 29, 1966 Language of Material: English
Box 50, Folder 9	Structure of Virus, circa 1966 Language of Material: English
Box 51, Folder 10	Protein Subunits and the Distribution of Nucleic Acid in TYMV, 1966 Language of Material: English
Box 51, Folder 11	Franklin and the Discovery of the Structure of DNA, 1968 Language of Material: English
Box 51, Folder 12	Structure of Viruses of the Papilloma-Poloyoma Type Part IV, Kiselev and Klug, 1969 Language of Material: English
Box 51, Folder 13	Appendix of Point Groups and the Design of Aggregates, 1969 Language of Material: English
Box 51, Folder 14	Gosling helical plotting program, undated Language of Material: English
Box 51, Folder 15	Art and Science, 1970-1971 Language of Material: English
Box 51, Folder 16	New Developments in Electron Microscopy, Huxley/Klug, 1971 Language of Material: English
Box 51, Folder 17	Fuller treatment and X-ray, 1974 Language of Material: English
Box 51, Folder 18	The Structure of the Monoclinic form of Yeast Phenylalanine transfer RNA, 1974 Language of Material: English
Box 51, Folder 19	Conservation of the Molecular Structure of Yeast Phenylalamine tRNA, 1974 Language of Material: English
Box 52, Folder 1	New Steps in the Formation of Bacteriophage T4, 1974 Language of Material: English
Box 52, Folder 2	Correlation between Three Dimensional Structure, draft, 1974 Language of Material: English
Box 52, Folder 3	Kinky Helix comments by M. Levitt, 1975 Language of Material: English

Box 52, Folder 4	The Structure of Yeast Phenylalanine Transfer RNA at 2.5 Å Resolution, 1975 Language of Material: English
Box 52, Folder 5	Kinky Helix, Crick/Klug, 1975 Language of Material: English
Box 52, Folder 6	Structure of Chromatin, July 1976 Language of Material: English
Box 52, Folder 7	Helical periodicity of DNA determined by Enzyme Digestion, 1981 Language of Material: English
Box 52, Folder 8	Nobel Lecture, From Macromolecules to Biological Assemblies, 1982 Language of Material: English
Box 52, Folder 9	An Explanation of the Limit Digest of Chromatin, unpublished, 1983 Language of Material: English
Box 52, Folder 10	Nucleosome Structure and Chromatin Superstructure, 1983 Language of Material: English
Box 52, Folder 11	Location of the Primary Sites of Micrococcal Nuclease Cleavage on the Nucleosome Core, 1983 Language of Material: English
Box 52, Folder 12	Pb(II) Catalyse Cleavage of the Sugar-Phosphate Backbone of the Yeast tRNAPhe and Possible Implication for Lead Toxicity and Self-Splicing RNA, draft, 1983 Language of Material: English
Box 52, Folder 13	Correlation Between Segmental Mobility and the Location of Antigenic Determinants in Proteins, June 1984 Language of Material: English
Box 52, Folder 14	The Higher Order Structure of Chromatin, 1986-1987 Language of Material: English
Box 52, Folder 15	Revision of Comments on Interpretations of Some Electron Microscope Observations, undated Language of Material: English
Box 52, Folder 16	Manuscript Fragments, unknown circa 1960s-1980s Language of Material: English
Box 52, Folder 17	Abstracts, circa 1960s-1980s Language of Material: English
Box 52, Folder 18	Birkbeck College, reports and drafts, circa 1958-1960 Language of Material: English
Box 52, Folder 19	Grant, NIH, Progress Reports, 1957-1960 Language of Material: English
Box 52, Folder 20	Grant Proposals, 1957-1959 Language of Material: English

Box 52, Folder 21	MRC internal memos, circa 1970s Language of Material: English
Box 52, Folder 22	MRC reports and documents, undated Language of Material: English
Box 53, Folder 1	MRC thesis reports, circa 1970s Language of Material: English
Box 53, Folder 2	Reviews, general, circa 1959-1980s Language of Material: English
Box 53, Folder 3	Reviews, Nature, 1961-1980 Language of Material: English

Subseries 8: Reprints, 1949-1999

Box 53, Folder 4	1949 Language of Material: English
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Box 53, Folder 7	1966-1969 Language of Material: English
Box 53, Folder 8	1970-1973 Language of Material: English
Box 53, Folder 9	1974-1975 Language of Material: English
Box 54, Folder 1	1976-1977 Language of Material: English
Box 54, Folder 2	1978-1979 Language of Material: English
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Box 56, Folder 6	Science equipment notes and documents, circa 1970 Language of Material: English
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Box 56, Folder 9	Travel, University of Witwatersrand, March/April 1972 Language of Material: English
Box 56, Folder 10	Travel, General, undated Language of Material: English

Subseries 10: Writings by Others, 1927-1991

Box 57, Folder 1	A - Miscellaneous, 1947-1984 Language of Material: English
Box 57, Folder 2	Aach, Von H.G., 1957-1961 Language of Material: English
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Box 58, Folder 3	Bauer, William, 1968-1979 Language of Material: English
Box 58, Folder 4	Bawden, F.C., 1937-1959 Language of Material: English
Box 58, Folder 5	Bernal, J.D., 1948-1967 Language of Material: English
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Box 58, Folder 7	Blanc-Lapierre, André, circa 1955-1956 Language of Material: English
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Box 59, Folder 6	Cochran, William, 1952-1961 Language of Material: English

Box 60, Folder 1	Cowley, J.M., 1950-1981 Language of Material: English
Box 60, Folder 2	Crick, F., reprints and offprints, 1952-1979 Language of Material: English
Box 60, Folder 3	Crick, F., The Molecular Structure of Polyadenylic Acid typescript, 1959 Language of Material: English
Box 60, Folder 4	Crick, F. and S. Brenner, Footnotes on Protein Synthesis: Note for the RNA Club typescript, 1959 Language of Material: English
Box 60, Folder 5	Crick, F., Paper on History typescript, circa 1971-1972 Language of Material: English
Box 60, Folder 6 Box 60, Folder 7	Crick, F., Internal Memos typescript with handwritten notes, 1976-1978 Crick, F./Klug, A., Kinky Helix Assumptions handwritten, October 1975 Language of Material: English
Box 60, Folder 8	Crick, F., Kinky Helix Characteristics of S3 Helix handwritten, circa 1975 Language of Material: English
Box 60, Folder 9	Crick, F., Kinky Helix notes for Standard Structure handwritten, circa 1975-1976 Language of Material: English
Box 60, Folder 10	Crick, F., Kinky Helix, general handwritten notes, 1975-1976 Language of Material: English
Box 60, Folder 11	Crick, F., Kinky Helix handwritten summary of theoretical results, January 13, 1975 Language of Material: English
Box 60, Folder 12	Crick, F., Concluding remarks about meeting typescript, 1976 Language of Material: English
Box 60, Folder 13	Crick, F., Child's Guide to Camerini and Felsenfeld typescript, undated Language of Material: English
Box 60, Folder 14	Crick, F., Report on DNA Calculations by M. Levitt typescript, undated Language of Material: English
Box 60, Folder 15	Crick, F., Writings, Numbers for Bird Watchers typescript, undated Language of Material: English
Box 60, Folder 16	D-De - Miscellaneous, 1934-1985 Language of Material: English
Box 61, Folder 1	Di-Dy - Miscellaneous, 1953-1986 Language of Material: English
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Box 63, Folder 5	Herbstein, F.H., 1955-1961 Language of Material: English
Box 63, Folder 6	Hirth, Leon, 1961-1965 Language of Material: English
Box 63, Folder 7	Holmes, K.C., 1959-1963 Language of Material: English

Box 64, Folder 1	Holton, C.S., 1959 Language of Material: English
Box 64, Folder 2	Hopkins, H.H., 1950-1962 Language of Material: English
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Box 65, Folder 3	Kra-Ky - Miscellaneous, 1958-1983 Language of Material: English
Box 65, Folder 4	Kaper, J.M., 1958-1969 Language of Material: English
Box 65, Folder 5	Karle, J., 1950-1957 Language of Material: English
Box 65, Folder 6	Kellenberger, E., 1965-1972 Language of Material: English
Box 65, Folder 7	Keller, A., 1972-1983 Language of Material: English
Box 65, Folder 8	Kendrew, J.C., 1949-1983 Language of Material: English
Box 65, Folder 9	Knight, C.A., circa 1955-1958 Language of Material: English
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Box 66, Folder 2	Lif-Lut - Miscellaneous, 1936-1984 Language of Material: English
Box 66, Folder 3	Laemml, U.K., 1968-1974 Language of Material: English

Box 66, Folder 4	Lesk, A.M., 1972-1975 Language of Material: English
Box 66, Folder 5	Lonsdale, Kathleen, 1937-1960 Language of Material: English
Box 66, Folder 6	Luzzati, V., 1957-1979 Language of Material: English
Box 66, Folder 7	Luzzati, V., typscripts, circa 1965 Language of Material: English
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Box 68, Folder 6	Quantin, B., 1988
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Box 69, Folder 2	Rich, Alexander, 1956-1981 Language of Material: English
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Box 69, Folder 4	S-Scho - Miscellaneous, 1952-1986 Language of Material: English
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Box 70, Folder 1	Sta-Str - Miscellaneous, 1951-1983 Language of Material: English
Box 70, Folder 2	Stu-Sz - Miscellaneous, 1955-1987 Language of Material: English
Box 70, Folder 3	Sinsheimer, R.L., 1958-1962 Language of Material: English
Box 70, Folder 4	Skoulios, Antoine, 1960-1961 Language of Material: English
Box 70, Folder 5	T-Th - Miscellaneous, 1947-1986 Language of Material: English
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Box 70, Folder 7	Thoma, F., circa 1977-1978 Language of Material: English
Box 70, Folder 8	Tinoco, I., 1959-1964 Language of Material: English
Box 70, Folder 9	U - Miscellaneous, circa 1978-1986 Language of Material: English
Box 71, Folder 1	Unidentified reprints and publication, undated Language of Material: English
Box 71, Folder 2	V-Ve - Miscellaneous, 1943-1975 Language of Material: English
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- Box 72, Folder 12 **Audio Interview 12-11-78, 2 of 2, Sides A&B access copy, December 11, 1978**
Language of Material: English
Conditions Governing Access note
Originals restricted, located in Box 99
- Box 72, Folder 13 **Audio Interview 1-13-79, 1 of 3, Sides A&B access copy, January 13, 1979**
Language of Material: English
Conditions Governing Access note
Originals restricted, located in Box 99
- Box 72, Folder 14 **Audio Interview 1-13-79, 2 of 3, Sides A&B access copy, January 13, 1979**
Language of Material: English
Conditions Governing Access note
Originals restricted, located in Box 99
- Box 72, Folder 15 **Audio Interview 1-13-79, 3 of 3, Sides A&B access copy, January 13, 1979**
Language of Material: English
Conditions Governing Access note
Originals restricted, located in Box 99
- Box 72, Folder 16 **Audio Interview 2-25-79, 1 of 1, Sides A&B access copy, February 25, 1979**
Language of Material: English
Physical Description: Originals restricted; in box XXX
Conditions Governing Access note
Originals restricted, located in Box 99

Series XI: Max Perutz papers, 1909-2000 (bulk 1960-1990)

Language of Material: English

Arrangement note

This series is organized into 12 subseries. Subseries 1: Biographical (organized alphabetically then chronologically), Subseries 2: Correspondence (organized alphabetically then chronologically), Subseries 3: Laboratory notebooks (organized chronologically), Subseries 4: Research notes (organized alphabetically), Subseries 5: Photographs (organized alphabetically), Subseries 6: Conference, meetings, and events (organized alphabetically then chronologically), Subseries 7: Lectures (organized alphabetically then chronologically), Subseries 8: Papers and other works by Perutz (organized chronologically), Subseries 9: Reprints and offprints by Perutz (organized chronologically), Subseries 10: Subject files (organized alphabetically then chronologically), Subseries 11: Writings by others (organized alphabetically then chronologically), Subseries 12: Audio/Visual materials (organized alphabetically).

Subseries 1: Biographical and Personal Information 1962-1998, undated

Language of Material: English

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Language of Material: English
- Box 73, Folder 2 **Awards and Nominations, 1962-1998**
Language of Material: English
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| Box 73, Folder 3 | Biographic, 1987-1993
Language of Material: English |
| Box 73, Folder 4 | Letter to Family in regard to meeting Queen Elizabeth at Buckingham Palace, July 9, 1992
Language of Material: English |
| Box 73, Folder 5 | Dietary Needs, Undated
Language of Material: English |
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Subseries 2: Correspondence, 1938-1999 (bulk 1960-1994)

Language of Material: English

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|-------------------|--|
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Language of Material: English |
| Box 73, Folder 7 | Acta Crystallographica, 1969-1990
Language of Material: English |
| Box 73, Folder 8 | Baccari-Bolognesi, 1963-1998
Language of Material: English |
| Box 73, Folder 9 | Bonaventura-Burley, 1968-1997
Language of Material: English |
| Box 73, Folder 10 | BBC, 1986-1998
Language of Material: English |
| Box 73, Folder 11 | Bernal, J.D., December 4, 1950
Language of Material: English
Scope and Contents note
Contains photocopy of letter from Bernal to Rosalind Franklin regarding her appointment at King's College. |
| Box 73, Folder 12 | Birthday cards, 1994
Language of Material: English |
| Box 73, Folder 13 | Brunori, Maurizio, 1992-1995
Language of Material: English |
| Box 73, Folder 14 | Bragg, William Lawrence, 1954-1965
Language of Material: English |
| Box 73, Folder 15 | Bragg, William Lawrence, 1965-1972
Language of Material: English |
| Box 74, Folder 1 | Bragg-Establishing a MRC unit at Cambridge, 1938-1947
Language of Material: English |
| Box 74, Folder 2 | Bragg-Lecture Dinner, 1973
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Box 74, Folder 3	British Prime Minister, 1974-1991 Language of Material: English
Box 74, Folder 4	Buckingham Palace, 1962-1997 Language of Material: English
Box 74, Folder 5	C-Clegg, November 1969-August 1996 Language of Material: English
Box 74, Folder 6	Clove-Currie, May 1960-May 1997 Language of Material: English
Box 74, Folder 7	Crick, Francis, July 1959-November 1995 Language of Material: English Scope and Contents note Includes a letter which contains a draft titled "Constitution of Laboratory of Molecular Biology".
Box 74, Folder 8	D - Miscellaneous, June 1959-January 1997 Language of Material: English
Box 74, Folder 9	Dalyell, Tam, January 1992-August 1996 Language of Material: English
Box 74, Folder 10	Delbrück, M., October 1987- January 1988 Language of Material: English
Box 74, Folder 11	E - Miscellaneous, June 1965-April 1997 Language of Material: English
Box 74, Folder 12	Edsall, John, January 1960-November 1972 Language of Material: English
Box 75, Folder 1	Edsall, John, March 1973-December 1983 Language of Material: English
Box 75, Folder 2	Edsall, John, October 1984-April 1998 Language of Material: English
Box 75, Folder 3	F - Miscellaneous, MArch 1965-March 1999 Language of Material: English
Box 75, Folder 4	Franklin Bunn, H., October 1968-January 2000 Language of Material: English
Box 75, Folder 5	G - Miscellaneous, February 1960-March 1997 Language of Material: English
Box 76, Folder 1	H - Miscellaneous, March 1966-February 1999 Language of Material: English
Box 76, Folder 2	Hammersmith Hospital, September 1989-June 1995 Language of Material: English

Box 76, Folder 3	Haurowitz, Felix, July 1945-December 1975 Language of Material: English
Box 76, Folder 4	Himsworth, Harold, July 1962-September 1963 Language of Material: English
Box 76, Folder 5	Hodgkins, Dorothy, March 1949-January 1994 Language of Material: English
Box 76, Folder 6	Huber, Robert, April 1966-January 1996 Language of Material: English
Box 76, Folder 7	I - Miscellaneous, April 1986-October 1995 Language of Material: English
Box 76, Folder 8	Imai, Kiyohiro, July 1985-January 1995 Language of Material: English
Box 76, Folder 9	J - Miscellaneous, September 1963-May 1999 Language of Material: English
Box 76, Folder 10	K - Miscellaneous, March 1960-November 1998 Language of Material: English
Box 76, Folder 11	Klein, George, November 1993-April 1994 Language of Material: English
Box 77, Folder 1	Klug, Aaron, August 1974-November 1993 Language of Material: English
Box 77, Folder 2	KOS, April 1996-May 1997 Language of Material: English
Box 77, Folder 3	L - Miscellaneous, March 1960-November 1977 Language of Material: English
Box 77, Folder 4	M-McGill, March 1960-October 1997 Language of Material: English
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Box 77, Folder 6	Mayr, Ernest, November 1992-August 1998 Language of Material: English
Box 77, Folder 7	Medical Research Council (MRC), June 1948-April 1987 Language of Material: English
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Box 77, Folder 10	Net Book Agreement, April 1989-May 1989 Language of Material: English
Box 77, Folder 11	Nobel Foundation, February 1966-January 1995 Language of Material: English
Box 78, Folder 1	Nobel Foundation Prize and Award Letter, November 1, 1962 Language of Material: English
Box 78, Folder 2	O - Miscellaneous, March 1980-June 1996 Language of Material: English
Box 78, Folder 3	P - Miscellaneous, October 1959-July 1998 Language of Material: English
Box 78, Folder 4	Paoli, Massimo, June 1995-June 1996 Language of Material: English
Box 78, Folder 5	Pauling, Linus, April 1992-October 1993 Language of Material: English
Box 78, Folder 6	Phillips, David C., January 1967-August 1993 Language of Material: English
Box 78, Folder 7	Phillips, Simon, January 1983-August 1997 Language of Material: English
Box 78, Folder 8	Pirouet, M. Louise, October 1992-June 1994 Language of Material: English
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Box 78, Folder 13	Riggs, Austen, January 1964-November 1992 Language of Material: English
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Box 79, Folder 4	Simon, Sandford February 1972-March 1983 Language of Material: English
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Box 79, Folder 6	U - Miscellaneous, September 1963-August 1997 Language of Material: English
Box 79, Folder 7	United Nations Secretary General, October 1997-July 1998 Language of Material: English
Box 78, Folder 8	Unidentified, May 1965-February 1996 Language of Material: English
Box 80, Folder 1	Unidentified Postcards, December 1968-May 1994 Language of Material: English
Box 80, Folder 2	University of Cambridge, September 1983-March 1996 Language of Material: English
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Box 80, Folder 4	V - Miscellaneous, September 1963-August 1996 Language of Material: English
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Box 80, Folder 6	Vainshtein, Boris K., February 1968-January 1983 Language of Material: English
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Box 80, Folder 8	Web-Wy, November 1960-December 1998 Language of Material: English
Box 80, Folder 9	Watson, James D., August 1966-February 1998 Language of Material: English
Box 80, Folder 10	Wellcome Institute, July 1993-July 1995 Language of Material: English
Box 80, Folder 11	Y - Miscellaneous, February 1968-February 1996 Language of Material: English
Box 81, Folder 1	Z - Miscellaneous, March 1967-October 1997 Language of Material: English
Box 81, Folder 2	Zuckerman, Lord, May 1981-February 1993 Language of Material: English

	Subseries 3: Laboratory Notebooks, 1938-1964
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Box 81, Folder 5	Work done for Perutz, 1948 Language of Material: English
Box 81, Folder 6	1950-1951 Language of Material: English
Box 81, Folder 7	1951-1952 Language of Material: English
Box 81, Folder 8	Molecular Orientation of Haemoglobin 1952 Language of Material: English
Box 81, Folder 9	September 1952-January 1953 Language of Material: English
Box 81, Folder 10	January 1953-September 1953 Language of Material: English
Box 82, Folder 1	September 1953-March 1955 Language of Material: English
Box 82, Folder 2	September 1955-1957 Language of Material: English
Box 82, Folder 3	Lecture Notes, 1956-1957 Language of Material: English
Box 82, Folder 4	March 1957-1959 Language of Material: English
Box 82, Folder 5	April 1959-1962 Language of Material: English
Box 82, Folder 6	August 1962-January 1964, Language of Material: English

Subseries 4: Research Notes, 1955-1985, undated

Language of Material: English

Box 82, Folder 7	Dintzis Notebooks, work on haemoglobin with Perutz, circa 1955 Language of Material: English
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Box 82, Folder 8	Photographs and figures, undated Language of Material: English
Box 82, Folder 9	General, undated Language of Material: English
Box 82, Folder 10 Box 83, Folder 1	Holtzman's publication, genomic screening, undated Lise Meitner biography, undated Language of Material: English
Box 83, Folder 2	Myoglobin and haemoglobin research, undated Language of Material: English
Box 83, Folder 3	Publication notes, undated Language of Material: English
Box 83, Folder 4	Sutherland, Ian publication, undated Language of Material: English
Box 83, Folder 5	Szilard biography, undated Language of Material: English

Subseries 5: Photographs, 1953-1998

Language of Material: English

Box 83, Folder 6	Art, undated Language of Material: English
Box 83, Folder 7	Conferences and Meetings, 1953-1998 Language of Material: English
Box 83, Folder 8	Nobel Prize Medal, 1962 Language of Material: English
Box 83, Folder 9	Personal, Candida, circa 1975-1995 Language of Material: English
Box 83, Folder 10	Groups (including Perutz), 1988, 1996 Related Archival Materials note For oversize group photographs see Box 101 Folder 7
Box 83, Folder 11	Queen Elizabeth, 1992, undated Language of Material: English
Box 83, Folder 12	Science Museum (Great Britain), circa 1962 Language of Material: English
Box 83, Folder 13	Scientists, undated Language of Material: English
Box 83, Folder 14	Prime Minister Margaret Thatcher's visit to the Medical Research Center Laboratory, 1980 Language of Material: English

Subseries 8: Papers and Other Works, 1958-1999, undated

Language of Material: English

Box 85, Folder 7

Molecular Biology, April 18, 1958

Language of Material: English

Box 85, Folder 8

Medawer biography review notes, circa 1967

Language of Material: English

Box 85, Folder 9

Sir Lawrence Bragg obituary, July 14, 1971

Language of Material: English

Box 85, Folder 10

Various Writings, Circa 1970-1990s

Language of Material: English

Box 85, Folder 11

Dorothy Mary Crowfoot Hodgkin, 1976, 1995

Language of Material: German

Box 85, Folder 12

J.D. Bernal, 1985

Language of Material: English

Box 85, Folder 13

"How it all began...", 1987

Language of Material: English

Box 85, Folder 14

Leo Szilard, 1993

Language of Material: English

Box 85, Folder 15

Refugees, 1995

Language of Material: English

Box 85, Folder 16

"Con che diritto invociamo i diritti umani" (By what right do we invoke human rights), 1997

Language of Material: Italian

Box 85, Folder 17

Stephen Vogel, 1998

Language of Material: English

Box 85, Folder 18

The Top Designer, 1999

Language of Material: English

Box 85, Folder 19

Bragg, Protein Crystallography, the Cavendish Laboratory, undated

Language of Material: English

Box 86, Folder 1

"Wissenschaft ist kein ruhiges leben" (Science is not a quiet life), undated

Language of Material: German

Box 86, Folder 2

Structure of a Molecular Valve that Controls Transmission of Information across Nerve Junctions, undated

Language of Material: English

Box 86, Folder 3

What If? undated

Language of Material: English

Subseries 9: Reprints and Offprints, 1937-1990

Language of Material: English

- | | |
|-------------------|---|
| Box 86, Folder 4 | 1937-1939
Language of Material: English |
| Box 86, Folder 5 | 1940-1949
Language of Material: English |
| Box 86, Folder 6 | 1950-1953
Language of Material: English |
| Box 86, Folder 7 | 1954-1959
Language of Material: English |
| Box 86, Folder 8 | 1960-1966
Language of Material: English |
| Box 86, Folder 9 | 1967
Language of Material: English |
| Box 86, Folder 10 | 1968-1969
Language of Material: English |
| Box 86, Folder 11 | 1970-1972
Language of Material: English |
| Box 87, Folder 1 | 1973-1976
Language of Material: English |
| Box 87, Folder 2 | 1977-1979
Language of Material: English |
| Box 87, Folder 3 | 1980-1990
Language of Material: English |

Subseries 10: Subject Files, 1922-2000 (bulk 1960s)

Language of Material: English

- | | |
|------------------|--|
| Box 87, Folder 4 | W. Lawrence Bragg, 1968-1983
Language of Material: English |
| Box 87, Folder 5 | DNA History, 1993
Language of Material: English |
| Box 87, Folder 6 | General, 1981-1993
Language of Material: English |
| Box 87, Folder 7 | Haemoglobin history research, circa 1960-1990s
Language of Material: English |
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Box 87, Folder 8	Dorothy Hodgkin, 1960-1990s Language of Material: English
Box 87, Folder 9	Dorothy Hodgkin's death, 1994-1995 Language of Material: English
Box 87, Folder 10	Human Genome Project, June 26, 2000 Language of Material: English
Box 87, Folder 11	Horace F. Judson, regarding women at King's College, 1976-1977 Language of Material: English
Box 87, Folder 12 Box 88, Folder 1	Model Building catalogs and supplies, circa 1960 Medical Research Council (MRC), general 1962-1993 Language of Material: English Scope and Contents note Including report on the creation of the Laboratory of Molecular Biology, Cambridge
Box 88, Folder 2	Medical Research Council (MRC) 1952-1953, Kings College Report, July 1967-December 1968 Language of Material: English
Box 88, Folder 3	Medical Research Council (MRC) 1952-1953, Kings College Report, January 7, 1969-July 3, 1969 Language of Material: English
Box 88, Folder 4	Medical Research Council (MRC) 1952-1953, Kings College Report documents, 1967-1969 Language of Material: English
Box 88, Folder 5	Nagai, Kiyashi, 1975-1993 Language of Material: English
Box 88, Folder 6	Nobel Prize Award, 1962-1964 Language of Material: English
Box 88, Folder 7	Obituaries and Reminiscences, 1932-2000 Language of Material: English
Box 88, Folder 8	Oppenheimer (Atomic Bomb), 1980, 1995 Language of Material: English
Box 88, Folder 9	Scientists, 1922-1995 Language of Material: English
Box 88, Folder 10	Szent-Gyorgyi, 1925-1983 Language of Material: English
Box 89, Folder 1	Szent-Gyorgi Nobel Prize Nomination Letters, 1934-1937 Language of Material: English
Box 89, Folder 2	Szilard, Leo, 1952-1993 Language of Material: English

**Subseries 11: Writings by Others, 1909-1995
(bulk 1960s-1980s)**

Language of Material: English

Box 89, Folder 3

A - Miscellaneous, 1944-1961

Language of Material: English

Box 89, Folder 4

B - Miscellaneous, 1935-1989

Language of Material: English

Box 89, Folder 5

Bernal, J.D., 1934

Language of Material: English

Box 89, Folder 6

**Biochemical Society 330th meeting abstracts,
June 1954**

Language of Material: English

Box 89, Folder 7

Bragg, W. Lawrence, 1914-1965

Language of Material: English

Box 90, Folder 1

**Bragg, W. Lawrence bound material,
1912-1924**

Language of Material: English

Box 90, Folder 2

**Bragg, W. Lawrence bound material,
1925-1929**

Language of Material: English

Box 90, Folder 3

**Bragg, W. Lawrence bound material,
1930-1934**

Language of Material: English

Box 91, Folder 1

**Bragg, W. Lawrence bound material,
1935-1944**

Language of Material: English

Box 91, Folder 2

**Bragg, W. Lawrence bound material,
1945-1952**

Language of Material: English

Box 91, Folder 3

**Bragg, W. Lawrence bound material,
1953-1970**

Language of Material: English

Box 92, Folder 1

**Bragg, W. Lawrence et al. "Internationale
Tabellen zu Bestimmung von
Kristallstrukturen", 1935**

Language of Material: German

Box 92, Folder 2

**Bragg, W. Lawrence et al. "Internationale
Tabellen zu Bestimmung von
Kristallstrukturen" volume II, 1935**

Language of Material: German

Box 92, Folder 3	C - Miscellaneous, 1939-1958 Language of Material: English
Box 92, Folder 4	Crowfoot, Dorothy (Hodgkin), 1935-1972 Language of Material: English
Box 92, Folder 5	Crowfoot, Dorothy (Hodgkin) autobiography typescript, unfinished, undated Language of Material: English
Box 92, Folder 6	D - Miscellaneous, 1946-1993 Language of Material: English
Box 93, Folder 1	Doty, Paul, 1952, 1957 Language of Material: English
Box 93, Folder 2	E - Miscellaneous, 1947-1995 Language of Material: English
Box 93, Folder 3	F- Miscellaneous, 1939-1959 Language of Material: English
Box 93, Folder 4	Franklin, Rosalind, 1953 Language of Material: English
Box 93, Folder 5	G - Miscellaneous, 1938-1995 Language of Material: English
Box 93, Folder 6	H - Miscellaneous, 1942-1961 Language of Material: English
Box 93, Folder 7	I - Miscellaneous, 1941-1942, 1955-1956 Language of Material: English
Box 93, Folder 8	J - Miscellaneous, 1952, 1992 Language of Material: English
Box 93, Folder 9	K - Miscellaneous, 1938-1959 Language of Material: English
Box 93, Folder 10	L - Miscellaneous, 1942-1989 Language of Material: English
Box 93, Folder 11	M - Miscellaneous, 1937-1987 Language of Material: English
Box 93, Folder 12	N - Miscellaneous, 1943-1958 Language of Material: English
Box 93, Folder 13	Neuberger, Albert, "Symposium on Protein Structure", 1958 Language of Material: English

Box 94, Folder 1

O - Miscellaneous, 1947-1957

Language of Material: English

Box 94, Folder 2

P - Miscellaneous, 1939-1966

Language of Material: English

Box 94, Folder 3

Pauling, Linus, 1951

Language of Material: English

Box 94, Folder 4

R - Miscellaneous, 1939-1976

Language of Material: English

Box 94, Folder 5

Proceedings of the Royal Society, Volume 141, 1953

Language of Material: English

Including:

W.T. ASTBURY, F.R.S. (Leader of the discussion). Introduction. R.B. COREY and L. PAULING, F.M.R.S. Fundamental dimensions of poly-peptide chains. L. PAULING, F.R.S., and R.B. COREY. Stable configurations of polypeptide chains I. MACARTHUR. The Pauling-Cory models and fibrous proteins. K.M. RUDALL. Elastic properties and a-b-transformation of fibrous proteins. K. BAILEY. The structure of tropomyosin. C.H. BAMFORD, L. BROWN, A. ELLIOTT, W.E. HANBY, AND I.F. TROTTER. Some new investigations on the structure of synthetic polypeptides. H.E. HUXLEY. X-Ray analysis and the problem of muscle. J.T. RANDALL, F.R.S., R.D.B. FRASER, A.C.T. NORTH. The structure of collagen. W.C. PRICE and R.D.B. FRASER. Infra-red dichroism and protein structure. SIR LAWRENCE BRAGG, F.R.S. X-ray analysis of the haemoglobin molecule. M.F. PERUTZ. An optical method for finding the molecular orientation in different forms and crystalline haemoglobin: changes in dichroism accompanying oxygenation and reduction. J.D. BERNAL, F.R.S., The use of Fourier transforms in protein crystal analysis. C.H. CARLISLE, HELEN SCOULOUDI and MARIANNE SPIER. Recent observations on the structure of ribonuclease. P.M. COWAN and DOROTHY CROWFOOT HODKIN, F.R.S. Some observations on peptide chain models in relation to crystallographic data for gramicidin B and insulin. D.P. RILEY and U.W. ARNDT. X-ray scattering by some native and denatured proteins in the solid state. J.T. EDSALL. Some comments on protein and protein structure.

Box 94, Folder 6	Reichert, Edward Tyson "The Differentiation and Specificity of Corresponding Proteins and Other Vital Substances in Relation to Biological Classification and Organic Evolution: The Crystallography of Hemoglobins", 1909 Language of Material: English
Box 95, Folder 1	S - Miscellaneous, 1930-1992 Language of Material: English
Box 95, Folder 2	Schrödinger, Erwin "What is Life", 1943 Language of Material: English
Box 95, Folder 3	T - Miscellaneous, 1939-1984 Language of Material: English
Box 95, Folder 4	U - Miscellaneous, 1993 Language of Material: English
Box 95, Folder 5	V - Miscellaneous, 1967 Language of Material: English
Box 95, Folder 6	W - Miscellaneous, 1951-1990 Language of Material: English
Box 95, Folder 7	Z - Miscellaneous, 1940 Language of Material: English
Box 95, Folder 8	Zahn, Von Helmut, 1946-1958 Language of Material: English

Subseries 12: Audio/Visual Materials 1973-1996, undated

Box 95, Folder 9	Allestory Film, DVD (access copy), undated Language of Material: English Conditions Governing Access note Original restricted, located in Box 99
Box 95, Folder 10	BBC Interview with Max Perutz, Audio CD (Access copy), November 1, 1996 Language of Material: English Conditions Governing Access note Original restricted, located in Box 99
Box 95, Folder 11	Ten Nobel Lectures, DVD (access copy), 1994 Language of Material: English Conditions Governing Access note Original restricted, located in Box 99

- Box 95, Folder 12 **Molecular Pathology to Human Haemoglobin Lecture, DVD (access copy), June 1973**
Language of Material: English
Conditions Governing Access note
Original restricted, located in Box 99
- Box 96, Folder 1 **Retirement Lecture, Audio CD (access copy), September 28, 1979**
Language of Material: English
Conditions Governing Access note
Original restricted, located in Box 99
- Box 96, Folder 2 **Royal Institute Christmas Lecture, BBC, DVD (access copy), 1982**
Language of Material: English
Conditions Governing Access note
Original restricted, located in Box 99
- Box 96, Folder 3 **Science is no Quiet Life, DVD (access copy), 1996**
Language of Material: English
Conditions Governing Access note
Original restricted, located in Box 99
- Box 96, Folder 4 **Species Adaptation in a Protein Molecule lecture, DVD (access copy), March 1985**
Language of Material: English
Conditions Governing Access note
Original restricted, located in Box 99

Series XII: Leo Szilard papers, 1941-2000 (bulk 1950-1962)

Language of Material: English

Arrangement note

This series is organized into 5 subseries. Subseries 1: Correspondence (organized alphabetically then chronologically), Subseries 2: Laboratory notebooks (organized chronologically), Subseries 3: Papers and other works by Szilard (organized chronologically), Subseries 4: Reprints by Szilard (organized chronologically), Subseries 5: Various materials (organized alphabetically by groupings, includes biographical material, reprints, and Pugwash meetings).

Subseries 1: Correspondence, 1951-1962

- Box 96, Folder 5 **A-F - Miscellaneous, 1951, 1960-1962**
Language of Material: English
- Box 96, Folder 6 **Fox, Maurice, 1951-1959**
Language of Material: English
- Box 96, Folder 7 **H-W - Miscellaneous, 1951-1960**
Language of Material: English

Subseries 2: Laboratory Notebooks, 1959-1960s

Language of Material: English

Box 97, Folder 12

Reprints: Wilkins et al., 1951-1962

Language of Material: English

Physical Description:

General note

WILKINS reprint "Molecular structure... protein synthesis" contains Crick Discussion on page 25-26.

Scope and Contents note

Folder includes: M.H.F. WILKINS, R.G. GOSLING, W.E. SEEDS, M.J. FRASER, R.D.B. FRASER. Physical studies of nucleic acid; M.H.F. WILKINS, W.E. SEEDS, A.R. STOKES, H.R. WILSON. Helical structure of crystalline deoxyribose nucleic acid; M.H.F. WILKINS. Molecular structure of Deoxyribose Nucleic Acid and nucleoprotein and possible implications in protein synthesis; M.H.F. WILKINS. Les Prix Nobel en 1962: The Molecular Configuration of Nucleic Acids.

Subseries 2: Herbert Wilson papers, 1951-1995 (bulk 1953-1957)

Box 97, Folder 13

Laboratory Notebooks and Research Notes: circa February 1953-August 1954 circa February 1953-August 1954

Language of Material: English

Box 97, Folder 14

Laboratory Notebooks and Research Notes: circa February 1953-undated circa February 1953-undated

Language of Material: English

Box 98, Folder 1

Laboratory Notebooks and Research Notes: Calendar, 1954

Language of Material: English

Box 98, Folder 2

Laboratory Notebooks and Research Notes:files, 1955-1957

Language of Material: English

Box 98, Folder 3

Laboratory Notebooks and Research Notes: notes on Sven Furburg thesis, 1952

Language of Material: English

Box 98, Folder 4

Publications: The Double Helix and all that, 1951, 1988, 1999

Language of Material: English

Includes

Includes J.T. Randall reprint, 1951

Box 98, Folder 5

Publications: The structure of DNA in vivo, 1995

Language of Material: English

Box 98, Folder 6

Reports: Research report 1952-1953, typescript and manuscript, 1953

Language of Material: English

Box 98, Folder 7

Reports: Research report 1953-1954, manuscript and typescript, November-December 1954

Language of Material: English

Box 98, Folder 8

Reports: Fellowship research report,1952-1954, 1954

Language of Material: English

Box 98, Folder 9

Reports: Research report 1954-1955, manuscript and typescript, October 1955

Language of Material: English

- Box 98, Folder 10 **Reports: Research report, 1955-1956, circa 1956**
 Language of Material: English
- Box 98, Folder 11 **Reports: Proposal programe of work, manuscript and typescript, 1956**
 Language of Material: English
- Box 98, Folder 12 **Reports: Structure of DNA and Nucleoproteins, circa 1956**
 Language of Material: English
- Box 98, Folder 13 **Reports: Report for year, 1957**
 Language of Material: English

Series XIV: Various scientists papers, 1951-1977 (bulk 1950s)

Arrangement note

This series is organized alphabetically by creator. They include Jerry Donahue, Bruce Frazer, John Kendrew, Linus Pauling and Robert Corey, and Frederick Sanger.

- Box 98, Folder 14 **Donahue, Jerry: The structure of globglobin, 1952**
 Language of Material: English
- Box 98, Folder 15 **Frazer, Bruce: The application of infra-red spectroscopy to biological, Ph.D., 1951**
 Language of Material: English
- Box 98, Folder 16 **Frazer, Bruce: The infra-red spectra of biologically important molecules, galley proof, 1952**
 Language of Material: English
- Box 98, Folder 17 **Kendrew, John: Imidazole complexes of myoglobin and the position of the haem group, circa 1955**
 Language of Material: English
- Box 98, Folder 18 **Kendrew, John: Reprints, 1955-1960**
 Language of Material: English
- Box 98, Folder 19 **Pauling, Linus and Robert Corey: A proposed structure for the nucleic acid, 1953**
 Language of Material: English
- Box 98, Folder 20 **Pauling, Linus and Robert Corey: Keratin negatives, December 1953**
 Language of Material: English
- Box 98, Folder 21 **Pauling, Linus and Robert Corey: Stable configurations of polypeptide chains, typescript with corrections, 1952**
 Language of Material: English
- Box 98, Folder 22 **Sanger, Frederick: reprints February 24, 1977**
 Language of Material: English
Includes
Signed copy of "Nucleotide sequence of bacteriophage Φ X174 DNA by F. Sanger, G.M. Air, B.G. Barrell, N.L. Brown, A.R. Coulson, J.C. Fiddes, C.A. Hutchison III, P.M. Slocomb and M. Smith.

Series XV: Oversize materials and artifacts, 1950-1959, undated

Arrangement note

This series is organized by creator and size of object. Creators include Francis H.C. Crick & James D. Watson, Rosalind Franklin, and Max Perutz.

- Box 101, Object 1 **Crick & Watson - Molecular Structure of Nucleic Acids galley proof Nature Volume 171, [1953]**
 Language of Material: English
- Box 101, Object 2 **Crick & Watson -Genetical Implications of the Structure of Deoxyribonucleic Acid galley proof Nature Volume 171, [1953]**
 Language of Material: English
- Box 101, Object 3 **Rosalind Franklin - 20 inch Castell-Darmstadt slide rule in original green box with R.E. F. initials engraved, circa 1950s**
- Box 101, Object 4 **Rosalind Franklin - 20 inch Castell-Darmstadt slide rule in original green box, circa 1950s**
- Box 101, Object 5 **Rosalind Franklin - clear plastic ruler, circa 1950s**
- Box 101, Object 6 **Rosalind Franklin - organizational file box, circa 1950s**
 Scope and Contents note
 Box can be seen in-situ in photographs of Franklin's office, see Box 10 Folder 20
- Box 101, Object 7 **Perutz, Max - Photographs - Groups 1932-1959, undated**
 Language of Material: English
 Scope and Contents note
 Includes photographs of: sports activity (possibly with Randall and Gosling), Institute international de chimie solvay, professors and students at Cavendish Laboratory 1932, 1942, 1949-1950.
- Box 102, Object 1 **Rosalind Franklin - vacuum dessicator, circa 1950s**