

Rockefeller University records, Special Events and Activities, Alfred E. Mirsky Christmas Lectures, Tapes

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Rockefeller Archive Center

15 Dayton Avenue Sleepy Hollow 10591

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Summary Information

Repository: Rockefeller Archive Center

Creator: Rockefeller Institute for Medical Research

Creator: Rockefeller University

Title: Rockefeller University records, Special Events and Activities, Alfred

E. Mirsky Christmas Lectures, Tapes

ID: FA876

Date [inclusive]: 1968-2001

Physical Description: 58 tapes audio tapes, reels and 1 letter-size document box.

General Physical

Description note:

7 boxes.

Language of the

English

Material:

Preferred Citation note

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

Scope and Contents

Addition to 1982 AEM Christmas Lectures on Science: [21 Apr 1986. Received from S.W. Mirsky. Joel E. Cohen.* An Uncertainty Principle in Demography and the Unisex Issue." American Statistician 40 (1986 Feb) 32-39. Reprint. *...Previous versions of this work were presented in the 1982 Alfred E. Mirsky Lectures in [should be 'on'] Science at Rockefeller University..." w/handwritten note attached by Joel Cohen/Sonya W. Mirsky, 13 April 1986].

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[^] Return to Table of Contents

Arrangement

Chronological by date of creation.

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File Plan note

Former Classification: I 600-5.

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Administrative Information

Publication Statement

Rockefeller Archive Center

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URL: http://www.rockarch.org

Conditions Governing Access

Records more than 25 years old are open for research with select materials restricted as noted. Brittle or damaged items are available at the discretion of RAC. Researchers interested in accessing digital media (floppy disks, CDs, DVDs, etc.) or audiovisual material (audio cassettes, VHS, etc.) in this collection must use an access surrogate. The original items may not be accessed because of preservation concerns. To request an access surrogate be made, or if you are unsure if there is an access surrogate, please contact an archivist.

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Controlled Access Headings

- Vivisection
- Genetics
- DNA
- Biology -- Research
- Medicine, Preventive
- Medical care
- China
- Cell and biomolecular sciences
- Medical research
- Medical sciences
- Seitz, Frederick

Collection Inventory

Christmas lectures, 1968-1989, 2001

Related Archival Materials note:

Related Archival Materials note

See also: Alfred E. Mirsky papers

Biographical/Historical note

The Christmas Lectures were started at The Rockefeller University in 1959 under the guidance of Alfred E. Mirsky. For a complete history see the Alfred E. Mirsky papers. After Dr. Mirsky's death in June 1974 the lectures were renamed The Alfred E. Mirsky Christmas Lectures on Science.

The taping of the Christmas Lectures began in 1968. Originally they were taped, numbered and stored consecutively with other taped University events. Since 1972 Christmas Lecture tapes are handled as an individual series. In the Archives, starting with the 1968 tapes, the series is kept as a discreet unit. A very few of the earliest lectures can be found with the papers of the scientist who delivered the lecture. Catalog card descriptions should bring together all those that are available in the archives.

1959-1975	
1959	René Dubos: The Unseen World
1960	Paul Weiss: Living Forms
1961	Lyman Craig, Stanford Moore, William Stein: On Separating Things

1962	Mark Kac: Chance and Regularity
1963	Sam Goudsmit: Light and Quanta
1964	James Hirsch: White Cells
1965	Alfred E. Mirsky, Vincent G. Allfrey: The Cell Nucleus
1966	Donald Griffin: Animal Navigation and Communication
1967	Peter Marler: Social Behavior of Monkevs and Apes
1968	Igor Tamm, Purnell Choppin: Viruses In and Out of Cells
1969	No lecture
1970	James Hirsch, Zanvil Cohn: White Cells
1971	Vincent Dole: Drug Addiction
1972	Roger Payne: Whales
1973	Bruce McEwen: Hormones and the Brain
1974	Armin C. Braun: An Introduction to the Biology of Cancer
1975	Floyd Ratliff: Vision and the Retina

Scope and Contents note

Addition to 1982 AEM Christmas Lectures on Science: [21 Apr 1986. Received from S.W. Mirsky. Joel E. Cohen.* An Uncertainty Principle in Demography and the Unisex Issue." American Statistician 40 (1986 Feb) 32-39. Reprint. *...Previous versions of this work were presented in the 1982 Alfred E. Mirsky Lectures in [should be 'on'] Science at Rockefeller University..." w/handwritten note attached by Joel Cohen/Sonya W. Mirsky, 13 April 1986].

Custodial History note:

Custodial History note

Received 1974 and later.

box 1

reel AV 6929

Arrangement

Chronological by date of creation.

Title/Description Instances

Igor Tamm, Purnell Choppin: Viruses In And Out Of Cells, 1968

December 28-29

Creator: Choppin, Purnell W.

Creator: Tamm, I. E. (Igor Evgenevich)

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Zanvil Cohn: White Cells, 1970 December 29 box 1 reel AV 6926

Creator: Cohn, Zanvil

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Vincent Dole: Drug Addiction - Part 1, 1971 December 27 box 1 reel AV 6927

Creator: Dole, Vincent

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Vincent Dole: Drug Addiction - Part 2, 1971 December 28 box 1 reel AV 6928

Creator: Dole, Vincent

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Roger Payne: Whales - Part 1, 1972 December 27

box 1

reel AV 6930

Creator: Payne, Roger, 1935-

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Roger Payne: Whales - Part 2, 1972 December 27

box 1

reel AV 6931

Creator: Payne, Roger, 1935-

Conditions Governing Access: Conditions Governing Access

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Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Roger Payne: Whales - Part 3, 1972 December 28

box 1

reel AV 6932

Creator: Payne, Roger, 1935-

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

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Roger Payne: Whales - Part 4, 1972 December 28

box 1

reel AV 6933

Creator: Payne, Roger, 1935-

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Bruce McEwen: Hormones And The Brain - Part 1 and 3 (Reel 1), box 1 reel AV 6920

1973 December 27-28

Creator: McEwen, Bruce S.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Bruce McEwen: Hormones And The Brain - Part 2 and 4 (Reel box 1 reel AV 6921

2), 1973 December 27-28

Conditions Governing Access:

Conditions Governing Access

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Conditions Governing Use:

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Armin C. Braun: An Introduction To The Biology Of Cancer - box 1 reel AV 6924

Part 1, 1974 December 30-31,

Creator: Braun, Armin C.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Armin C. Braun: An Introduction To The Biology Of Cancer - box 1 reel AV 6925

Part 2, 1974 December 31

Creator: Braun, Armin C.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Floyd Ratliff: Vision And The Retina - Part 1, 1975 December 29

box 1

reel AV 6922

Creator: Ratliff, Floyd

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Floyd Ratliff: Vision And The Retina - Part 2, 1975 December 29

box 1

reel AV 6923

Creator: Ratliff, Floyd

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Floyd Ratliff: Vision And The Retina - Part 3, 1975 December 30

box 2

reel AV 6902

Conditions Governing Access:

Conditions Governing Access

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Conditions Governing Use:

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Floyd Ratliff: Vision And The Retina - Part 4, 1975 December 30

box 2

reel AV 6903

Creator: Ratliff, Floyd

Conditions Governing Access:

Conditions Governing Access

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Conditions Governing Use:

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Christian De Duve: A Guided Tour Of The Living Cell - Part 1,

box 2

reel AV 6916

1976 December 27

Creator: De Duve, Christian

Conditions Governing Access:

Conditions Governing Access

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Conditions Governing Use:

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Christian De Duve: A Guided Tour Of The Living Cell - Part 2,

box 2

reel AV 6915

1976 December 28

<u>Creator</u>: De Duve, Christian

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

The Verbal Machinery of Thinking - George E. Miller. Complete

Typescript of Four Lectures, 1977 December 27-28

box 4

Creator - aut: Miller, George E.

Scope and Contents

Only question period is available as audio.

George Miller: The Vebral Machinery Of Thinking - Part 1, 1977

box 2

reel AV 6917

December 27

Creator: Miller, George E.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

An error was made in the taping of this program. Only the question and answer period was taped. Complete transcript of the lecture is available.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

George Miller: The Vebral Machinery Of Thinking - Part 2, 1977

box 2

reel AV 6918

December 28

Creator: Miller, George E.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

An error was made in the taping of this program. Only the question and answer period was taped. Complete transcript of the lecture is available.

Conditions Governing Use:

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E.G.D. Cohen: Molecules In Motion: The Kinetic Theory Of

box 2

reel AV 6912

Creator: Cohen, E.D.G., Dr.

Conditions Governing Access:

Matter - Part 1, 27 December 1978

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

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E.G.D. Cohen: Molecules In Motion: The Kinetic Theory Of

Matter - Part 2, 1978 December 27

Creator: Cohen, E.D.G., Dr.

box 2

reel AV 6909

Conditions Governing Access:

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Conditions Governing Use:

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Permission must be obtained by copyright holder for use.

E.G.D. Cohen: Molecules In Motion: The Kinetic Theory Of

Matter - Part 3, 1978 December 28

Creator: Cohen, E.D.G., Dr.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

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E.G.D. Cohen: Molecules In Motion: The Kinetic Theory Of

Matter - Part 4, 1978 December 28

Creator: Cohen, E.D.G., Dr.

Conditions Governing Access:

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Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

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Biochemical Horizons with a Focus on Protein Chemistry -

Stanford Moore - Handout, 1980 December 29-30

Creator - aut: Moore, Stanford

Stanford Moore: Biochemical Horizons, With A Focus On Protein

Chemistry - Part 1, 1980 December 29-30

Creator: Moore, Stanford

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

box 2

reel AV 6910

box 2

box 4

box 2

reel AV 6911

reel AV 6913

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Stanford Moore: Biochemical Horizons, With A Focus On Protein

box 2

reel AV 6914

Chemistry - Part 2, 1980 December 29-30

Creator: Moore, Stanford

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

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Samuel C. Silverstein: White Blood Cells - Part 1, 29 December

box 2

reel AV 6905

Creator: Silverstein, Samuel C.

1981

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

Lecture 1: Their structure. Lecture 2: How they eat and drink

Conditions Governing Use:

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Samuel C. Silverstein: White Blood Cells - Part 2, 30 December 1981

box 2

reel AV 6904

Creator: Silverstein, Samuel C.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

Lecture 3: Defense against microbes and tumors. Lecture 4: Legionnaires disease.

Conditions Governing Use:

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Fernando Nottebohm: Brains - Part 1, 1983 December 28

box 3

reel AV 6906

Creator: Nottebohm, Fernando

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

Lecture 1. Learning to Sing - Birdsong as a complex motor skill. Lecture 2. Two Brains in One - Functions of the two hemispheres and the riddle of consciousness.

Conditions Governing Use:

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Fernando Nottebohm: Brains - Part 2, 1983 December 29

box 3

reel AV 6907

Creator: Nottebohm, Fernando

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

Lecture 3. Sex and the Brain - Male and brains show interesting anatomical differences.

Conditions Governing Use:

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Fernando Nottebohm: Brains - Part 3, 1983 December 29

box 3

reel AV 6908

Creator: Nottebohm, Fernando

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Scope and Contents

Lecture 4. Replaceable Neurons - Some types of adult brain neurons are constantly replaced by other neurons born in adulthood.

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Emil C. Gotschlich: The Ecology and Molecular Biology of

Bacterial Diseases - Part 1, 1984 December 26

Tape AV 6953

1

1

Creator: Gotschlich, Emil C.

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Introduction by Paul F. Cranefield. Lecture 1. Bacterial Diseases - The Rules of the Game.

Conditions Governing Use:

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Emil C. Gotschlich: The Ecology and Molecular Biology of

Bacterial Diseases - Part 2, 1984 December 26

Tape AV 6952

Creator: Gotschlich, Emil C.

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 2. Gonococcus - The Professional.

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Emil C. Gotschlich: The Ecology and Molecular Biology of

Bacterial Diseases - Part 3, 1984 December 27

Creator: Gotschlich, Emil C.

Conditions Governing Access:

1

Tape AV 6954

1

1

Tape AV

Tape AV

6943

6955

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 3. Cholera Bacillus - A Man for All Seasons

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Emil C. Gotschlich: The Ecology and Molecular Biology of

Bacterial Diseases - Part 4, 1984 December 27

Creator: Gotschlich, Emil C.

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 4. Vaccines - Of Mice and Men.

Conditions Governing Use:

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Dr. Martin Carter: Skin: Our Protective Envelope - Part 1, 1985

December 26

Creator: Carter, D. Martin (David Martin), 1936-

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 1: Barrier - How the filamentuous keratin layer of the skin controls fluid loss and drug absorption. Lecture 2: Color - How pigment cells migrate and synthesize and transfer melanin.

Conditions Governing Use:

Conditions Governing Use

Permission must be obtained by copyright holder for use.

Dr. Martin Carter: Skin: Our Protective Envelope - Part 2, 1985

December 27

Creator: Carter, D. Martin (David Martin), 1936-

1

Tape AV 6942

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 3: Healing - How the healing of wounds is enhanced by "Artificial skin" and biosynthetic dressings.

Conditions Governing Use:

Conditions Governing Use

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Dr. Martin Carter: Skin: Our Protective Envelope - Part 3, 1985

December 27

1 Tape AV 6941

Creator: Carter, D. Martin (David Martin), 1936-

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Lecture 4: Repair - How cells repair DNA damage caused by ultraviolet, x rays, and chemicals.

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An Uncertainty Principle in Demography and the Unisex Issue, 1986

box 4

Related Materials:

Related Materials

Reprint from The American Statistician, 1986, Volume 40, Number 1

Rodney L. Cool: Quarks - The Fundamental Constituents Of

box 3

reel AV 6935

Matter? - Part 1, 1985 December 26

Creator: Cool, Rodney L.

Conditions Governing Access:

Conditions Governing Access

Access copy currently unavailable. Please contact a RAC archivist for further instruction.

Conditions Governing Use:

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Rodney L. Cool: Quarks - The Fundamental Constituents Of

Matter? - Part 2, 1986 December 26

Creator: Cool, Rodney L.

box 3

Reel AV 6934

Conditions Governing Access:

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Emil Thomas Kaiser: Enzymes - Structure, Function, Design, And

1

Tape AV 6951

Construction - Part 1, 1987 December 29?

Creator: Cranefield, Paul F. (Paul Frederic)

Conditions Governing Access:

Creator: Kaiser, Emil Thomas

Conditions Governing Access

Access copy available.

Scope and Contents

First part of Kaiser's lecture part enzymes delivered to a high school audience in the Caspary Auditorium at RockefellerUniversity in 1987 as part of the Alfred E. Mirsky Christmas Lecture Series. Kaiser is introduced by Paul Cranefield.

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Emil Thomas Kaiser: Enzymes - Structure, Function, Design, And

1

Tape AV

6947

Construction - Part 2, 1987 December 29

Creator: Kaiser, Emil Thomas

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Tape 2

Conditions Governing Use:

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Emil Thomas Kaiser: Enzymes - Structure, Function, Design, And

Construction - Part 3, 1987 December 30?

Tape AV 6944

Creator: Kaiser, Emil Thomas

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Continuing lecture from tape AV 6951. Kaiser summarizes the first and second part of the lecture from the previous day. In the third part of Kaiser's lecture about enzymes he discusses where the scientific field is in designing and constructing enzymes.

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Emil Thomas Kaiser: Enzymes - Structure, Function, Design, And Construction - Part 4?, 1987 December 29?

Tape AV 6946

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Scope and Contents

Possible Alternate Title: "Emil Thomas Kaiser: Enzymes - Structure, Function, Design, And Consstruction, 1987

December 28-29

Ralph M. Steinman: T-Cell Mediated Immunity - Part 1, 1988

Tape AV 6956

1

Creator: Steinman, Ralph M.

Conditions Governing Access:

Conditions Governing Access

Access copy available.

Conditions Governing Use:

Conditions Governing Use

1/4 inch audio cassette

Ralph M. Steinman: T-Cell Mediated Immunity - Part 2, 1988

Creator: Steinman, Ralph M. 1/4 inch Tape AV audio cassette 6957 **Conditions Governing Access: Conditions Governing Access** Access copy available. **Conditions Governing Use: Conditions Governing Use** Permission must be obtained by copyright holder for use. 1 Tape AV Ralph M. Steinman: T-Cell Mediated Immunity - Part 3, 1988 6958 Creator: Steinman, Ralph M. **Conditions Governing Access: Conditions Governing Access** Access copy available. Conditions Governing Use: **Conditions Governing Use** Permission must be obtained by copyright holder for use. 1 Tape AV Christmas Lecture - Part 1, 1989 6945 **Conditions Governing Access: Conditions Governing Access** Access copy available. **Conditions Governing Use: Conditions Governing Use** Permission must be obtained by copyright holder for use. Tape AV 1 Christmas Lecture - Part 2, 1989 6948 **Conditions Governing Access: Conditions Governing Access** Access copy available. **Conditions Governing Use: Conditions Governing Use** Permission must be obtained by copyright holder for use. Tape AV Christmas Lecture - Part 3, 1989 6949 **Conditions Governing Access:**

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Christmas Lecture - Part 4, 1989

1

Tape AV 6950

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Thomas Sakmar: Tune On, Tune In: The Human Genome,

box 4

Molecular Switches and Signaling, 2001

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