



# Perlmann (Gertrude E.) papers

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## Summary Information

<b>Repository:</b>	Rockefeller Archive Center
<b>Creator - aut:</b>	Perlmann, Gertrude E.
<b>Creator:</b>	Rockefeller University
<b>Creator:</b>	Rockefeller Institute for Medical Research
<b>Title:</b>	Gertrude E. Perlmann papers, Rockefeller University Faculty
<b>ID:</b>	FA189
<b>Date [inclusive]:</b>	1935-1974
<b>Physical Description:</b>	37.48 Cubic Feet 77 boxes and 2 packages
<b>Language of the Material:</b>	English

### Preferred Citation

Repository Name, Collection Name, Record Group Name or Number (if applicable), Series Name or Number (if applicable), Subseries Name or Number (if applicable), Box number, Folder number, specific item description.

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## Biographical/Historical note

Gertrude Erika Perlmann, 1912-1974, at the RU (formerly RIMR) from 1947-1974. An authority in the field of protein chemistry. In 1960 she spent 6 months as a visiting professor at the Weizmann Institute, Rehovoth, Israel in Professor Ephraim Katchalski's laboratory. From 1960-1963 she served as National Vice-President of Iota Sigma Pi. In 1965 she received the Garvan Award from the American Chemical Society for her "distinguished service to chemistry". She was cited for her research on the structure of pepsin, an enzyme that speeds food digestion and for demonstrating the chemical structure of pepsin and its ability to break down food. She showed how the atoms are arranged in the pepsin molecule and the structural changes that occur when pepsinogen, the inactive form of pepsin, is activated. She did much investigative work on phosvitin. In 1970 she was coeditor with Laszlo Lorand of *Methods in Enzymology*, Volume XIX, Proteolytic Enzymes.

Biographical note	
1912	Born April 20 Reichenberg, Czechoslovakia
1936	Sc D. German University of Prague (chemistry and physics)
1937-1939	Copenhagen, Biological Institute of the Carlsberg Foundation with Fritz Lipmann; at the Carlsberg Laboratory, Chemical Dept. with Professor K. Linderstrøm-Lang
1938	Prague, Czechoslovakian Public Health Institute (5 months June-Oct)
1939-1941	Research Assistant, Harvard Medical School, (Physical Chemistry), Boston
1941-1946	Research Fellow, Massachusetts General Hospital/Harvard Medical School, Boston
1945	USA naturalization
1946	RI Guest Investigator (Commonwealth Fund Fellowship)
1947	RI Research Associate
1951	RI Assistant Professor
1958	RI Associate Professor
1960	Visiting Professor, Weizmann Institute, Rehovoth, Israel (6 months)
1973	RU Professor
1974	Died September 9 New York Hospital; New York, N.Y.; Cremated; Memorial service at Frank E. Campbell Funeral Parlor. Speakers: Jules Hirsch, Laszlo Lorand
1965	Garvan Award

RU Committees	
1951-1952	Secretary, Program Committee/RI staff meetings
1967-1969	RU Faculty Committee/Lectures
1967-1970	Board of Directors/RU Faculty and Students' Club

Served	
1962-1964	Joint Committee on Biochemical Nomenclature of ASBC (American Society of Biological Chemists) and AIN (American Institute of Nutrition) (Chairman 1964/65)
1963-1966	Iota Sigma Pi National Vice-President; 1965-1966 Chairman, Awards Committee of Iota Sigma Pi, 1972 Award Committee of Iota Sigma Pi
1970	Coeditor with L. Lorand of Methods in Enzymology, Volume XIX, Proteolytic Enzymes
1973	Advisory Board for new edition of Handbook of Biochemistry and Molecular Biology

Member of: American Association of University Professors, American Chemical Society (1965, 1972 Nominating Committee, Division of Biological Chemistry), American Society of Biological Chemists Biophysical Society, British Biochemical Society, Harvey Society, Iota Sigma Pi (Honorary after 1969), Israel Biochemical Society, Sigma Xi (Treasurer 1969-1970)

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## File Plan note

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Former Classification: I 450 P422

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## Administrative Information

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### Publication Statement

Rockefeller Archive Center

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[archive@rockarch.org](mailto:archive@rockarch.org)

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

### Revision Description

Paper finding aid converted to EAD/XML by AureXus in 2010. Imported into the Archvists' Toolkit by Becky Robbins. 2010 September 24

### Processing Information

Processed in 1978 (except for box #77 which was received or inventoried in 1980).

### Immediate Source of Acquisition note

The papers of Gertrude Erika Perlmann were deposited by Dr. Peter Perlmann.

### Conditions Governing Access note

This collection is open for research.

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## Controlled Access Headings

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- Chemistry
- Biochemistry
- Life sciences
- Enzymes
- Pepsin
- Pepsinogen

- Amino acids
- Medicine, Preventive
- Medical sciences
- Medical research
- Perlmann, Gertrude E.
- Rockefeller University
- Rockefeller Institute for Medical Research

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## Physical Characteristics and Technical Requirements

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Materials requiring specialized equipment for access (film, audio, video, slides) may be closed to research dependent on availability of the applicable equipment

Brittle or damaged items, or materials otherwise in need of preservation care, may be closed to researchers at the discretion of the RAC Head of Archival Services/Head of Reference.

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## Collection Inventory

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Title/Description	Instances	
Bibliography and biographical articles	box 1	folder 1
Bibliography		
The Iotan 23, 1964		
Iotan Newsletter, 1973 September 24		
Who Was Who (photocopy) 6, 1974-1976		
Correspondence (Personal), 1927 September 7	box 1	folder 2

### Arrangement note

Arranged in chronological order.

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Birth certificate transcripts. , 1933 September 14

### Scope and Contents

(one German, one English)

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Diploma, 1933 October 5

## Scope and Contents

(foreign language)

---

Diploma, 1936 November 14

## Scope and Contents

(foreign language)

---

ScD degree from German University of Prague, 1937 November 6

---

Sorensen and K. Linderstrøm-Lang letter of recommendation in German, 1938 February 1

---

Albert Fischer letter of recommendation in German

---

1936-1938

## Scope and Contents note

1938 June 21 Certification of passing examination in chemistry, Oct. 2, 1936 and experimental physics, Feb. 25, 1936 at German University at Prague, in German.

---

J. Klima letter of recommendation, 1938 October 27

---

Transcript or diploma?, 1938 November 2 1933 September 14

## Scope and Contents

(foreign language)

---

K. Linderstrøm-Lang letter of recommendation, 1939 July 17

---

Albert Fischer letter of recommendation, 1939 August 8

---

Appointment as Research Fellow in Medicine at Massachusetts General Hospital, Boston, Mass, 1941 August 27

---

Certificate of naturalization, 1945 January 15

---

Appointment as Research Fellow in Medicine at Harvard College, 1945 May 14

---

Certificate of literacy, 1946 October 9

---

On election to membership in American Society of Biological Chemists, 1951 May 10

---

On election to membership in The British Biochemical Society, 1952 December 22

---

Receipts for payment of membership dues to The British Biochemical Society, 1956 January 2-1961 January 3

---

On election to membership in RI chapter of the Society of the Sigma Xi, 1958 October 27



Announcement of Sigma Xi initiation ceremony, banquet, lecture,  
1958 October 27

On Sigma Xi annual dues payment, 1958 October 27

The Society of Sigma Xi membership certificate, 1958 November  
25

Certificate of welcome as contributor to the Encyclopedia  
Britannica, 1959 March 10

Certificate of National Honorary membership in Iota Sigma Pi,  
1969 June 8

### Scope and Contents note

Includes 2 items correspondence Oct. 17, 29 concerning  
National honorary membership.

Obituary material	box 1	folder 3
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RU press release; RU announcement

New York Times, 1974 September 10

Nature 251, 1974

News and Notes 6, 1974 October

Rehovoth, Israel Biochemical Society meeting, Session on  
Enzymes I. In memory of G.E. Perlmann. Program, 1975 March  
17

Letters received during illness and after death. Replies written  
after death.

#### Related Materials:

### Related Materials

[See Box 3, Folder 8 The Iotan Newsletter for addtl obits]

Photographs, plaque, mementos	box 1	folder 4
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Photographs (some duplicates), 1940 1947-1973

### Scope and Contents note

Includes: Group photograph of MacInnes laboratory with  
identification - 3 copies - taken in middle 1940's.

Assorted personal photographs; scientists; friends, laboratory;  
some identified and dated

Memento; cartoon

Linderstrøm-Lang honorary plaque

#### Related Materials:

## Related Materials

[see also Garvan Award]

Garvan Award, 1965

box 1

folder 5

### Biographical/Historical note

In 1965 Dr. Perlmann received the Garvan Award.

Awarded by American Chemical Society in recognition of distinguished service to chemistry by women chemists.

### Scope and Contents note

Folder includes the following.

Award announcements

first announcement of award, 1965 August 31

received award, 1965 April 5

Letters of congratulations

Garvan medal

Chemical and Engineering News award announcement, 1964 September 7

Chemical and Engineering News award announcement and biographical sketch, 1965 April 12

Atlantic City, N.J. 150th ACS meeting. Garvan medal symposium. Delivers Garvan Award lecture "Anatomy of a protein molecule", 1965 September 14

### Scope and Contents note

Includes typescript of lecture; photographic prints of what appears to be slides in lecture.

Notes of appreciation from RU students for assistance on degree completion

box 1

folder 6

### Scope and Contents

[Editor's note: Removed page from student thesis containing note].

### Arrangement

Arranged in chronological order.

David L. Eaker, 1962

Lewis Joel Greene, 1962

Joseph A. Gally, 1964

Paul Englund, 1966

Sanford R. Simon, 1967

Iota Sigma Pi (National Honor Society for Women in Chemistry),  
1963-1966

### Scope and Contents note

G.E. Perlmann served as National Vice President and Chairman of Extension Committee. She Was actively involved in sponsorship of new chapters. She worked with host chapter in making arrangements for 1966 Convention. (She was unable to attend).

### Arrangement note

Arranged in chronological order.

Correspondence with President, 1963-1966	box 2	folder 1
Correspondence with National Council, 1962 1963-1966	box 2	folder 2
Correspondence with National Council; others, 1967-1973	box 2	folder 3
Extension Committee	box 2	folder 4

### Scope and Contents note

Includes ACS pamphlet "Minimum standards used as criteria in evaluating under graduate professional training in chemistry".

New or reactivated chapters include.

New or reactivated chapters		
BU: Hunter College	box 2	folder 5
Fordham University	box 2	folder 6
Marion College	box 2	folder 7
University of Houston	box 2	folder 8
Convention	box 2	folder 9
Convention Reports	box 3	folder 1
History, constitution, various publications, handbook revisions, procedure for chapter formation and some membership lists	box 3	folder 2-7
The Iotan Newsletter	box 3	folder 8

## Scope and Contents note

Copies of following issues. Also includes duplicated copies of above pages. 1982 Sept 27 Sister Mary Rose at request of Dr. Anne Sherren to RU Archives

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No. 4, 1973 November

## Scope and Contents note

Includes Perlmann ms "Recipe for an exciting career: Hard work and a little luck".

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No. 9, 1975 May

## Scope and Contents note

Includes G.E. Perlmann obituary.

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No. 11, 1976 February

## Scope and Contents note

Includes announcement of memorial service for.

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Correspondence, 1944-1974

## Scope and Contents note

Correspondence with some scientific colleagues reveals ties of friendship. The correspondence on a whole deals with experimental work. Indicates strong ties to Israel and friendship with Ephraim Katzir-Katchalski. Invitations and attendance to many Gordon Conferences; also American Chemical Society and Federation meetings. Had many visiting Israeli scientists working in her laboratory and made frequent visits to Israel to work at the Weizmann Institute. Dr. Perlmann's recommendations for Nobel Prize and others awards and membership to societies reveals a very generous aspect of her personality.

## Arrangement note

Arranged in alphabetical order including incoming and outgoing letters. Number in parenthesis indicates number of items.

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A-AI

box 4

folder 1

---

Academic Press, 1962-1971

## Scope and Contents note

Includes J. Feder proposal review.

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Adams, Elijah Concerning Tom Finlay

Albertson, Donna (Wilson)

**Scope and Contents note**

Includes recommendations for graduate school admission;  
NSF fellowship.

Albertsson, Per-Ake

Alexander, Mira

Allerton, Samuel E., 1960-1971

**Scope and Contents note**

Deals primarily with staff appointment; phosvitin work;  
recommendations for; employment recommendation for  
Nelly Canaan; Allerton et al reprints.

Allfrey, Vincent G.

Alpers, Joseph B. Harvard Medical school talk, 1963 February  
25

Altschul, Aaron M.

Am-Ax

box 4

folder 2

American Association of University Professors, 1969

**Scope and Contents note**

Dr. Perlmann becomes member; primarily duplicated  
material includes copy of RU chapter AAUP constitution.

American Chemical Society, 1965-1974

**Scope and Contents note**

Deals primarily with workings as member of Award  
Committee for ACS in Biological Chemistry 1965  
Jan.-1967 Dec. sponsored by Eli Lilly & Co. 1966, 67, 68  
list of nominees and Perlmann balloting. Material marked  
confidential.

American Institute of Biological Sciences. Concerns Perlmann  
1952 Oct. review of tabular data on "Molecular weights and  
isoelectric points of proteins" for Handbook of Biological Data,  
1952 October

American Institute of Chemists

Anfinsen, C.B.

Ansari, Aftab A.

Antonini, E.

Applequist, John

Appleyard, R.K.

Arnon, Ruth, 1960-1974

### Scope and Contents note

Includes items on staff appointment; recommendations for; trypsin work; Micky Arnon (daughter) thank you for books.

Arnstein, Henry V. London, King's College seminar, 1973 June 20

Arvidsson, Eric O.

Askonas, Ita

Avaeva, S.

Avi-Dor, Y.

Avidor, Yoram

Avigad, Gad

Axelrod, Bernard

American Society of Biological Chemists, 1964 1972 1973-1974

box 4

folder 3

### Scope and Contents note

Includes correspondence; reprints; bibliographies and curriculum vitae for some.

Concerns nominations for membership in American Society of Biological Chemists of.

Mary Mycek, 1964

H.C. Chen, 1972

Anne Gounaris, 1972

Tom Finlay, 1973-1974

Marina J. Gorbunoff, 1973

American Society of Biological Chemists, 1963-1964 1964-1965

box 4

folder 4

### Scope and Contents note

Includes correspondence. as committee member and workings as chairman of committee; photocopied IUPAC report on vitamin nomenclature; 1963-1964; 1964-1965 roster of ASBC.

Member of Joint Committee on Biochemical nomenclature, 1962-1965

Chairman of Joint Committee on Biochemical nomenclature of the ASBC/AIN. Function of committee to review nomenclature proposed by IUPAC, 1965-1966		
Bauer, Walter, 1948-1963	box 4	folder 5
<b>Scope and Contents note</b>		
Includes Bauer holographs, 1963 Dec. Bauer Obituary issued by Massachusetts General Hospital, Boston.		
B-Bo	box 4	folder 6-7
Bahl, O.P. On phosvitin work	box 4	folder 6
Bailey, J.	box 4	folder 6
Banerjee, A.	box 4	folder 6
Barany, M.	box 4	folder 6
Barrall, E.M. II, 1974	box 4	folder 6
<b>Scope and Contents note</b>		
Includes 1974 Santa Garbara, Calif., Gordon Conference.		
Barsky, James	box 4	folder 6
<b>Scope and Contents note</b>		
Includes items on publishing "Collected works of Aharon Katzir-Katchalsky".		
Bassett, E.G.	box 4	folder 6
Bauer, Henry C.	box 4	folder 6
Bauer, Shabtai. Job inquiry with curriculum vitae	box 4	folder 6
Bearn, Alexander B., 1973-1974	box 4	folder 6
<b>Scope and Contents note</b>		
Primarily with serving on 1973/74 Harvey Society nominating committee.		
Bello, J. On supporting Gordon Conference on Polymer and Solvent Interactions, 1963	box 4	folder 6
Benziman, M.	box 4	folder 6
Berg, Paul	box 4	folder 6
Bergmann, Peter G.	box 4	folder 6
Bernhard, S.A.	box 4	folder 6
Bessman, Samuel P.	box 4	folder 6
Beychok, S.		

	box 4	folder 6
Beyer, R.E. Job inquiry	box 4	folder 6
Biochemical Society	box 4	folder 6
Birk, Yehudith, 1965-1974	box 4	folder 6
<b>Scope and Contents note</b>		
Includes: promotion recommendation for A. Gertler; 1972 Mar., 1974. Apr. visits to Israel.		
Bland, Nada Ciba Foundation	box 4	folder 6
Blatchley, Judith	box 4	folder 6
Blauer, G.	box 4	folder 6
Blomback, Birger and M. Stockholm, Karolinska Institute lecture, 1968 September 2	box 4	folder 6
Blout, Elkan R., 1961-1970	box 4	folder 6
<b>Scope and Contents note</b>		
Includes items on pepsin-pepsinogen work.		
Blumenfeld, Olga O., 1956-1973	box 4	folder 7
<b>Scope and Contents note</b>		
Includes: items on staff appointment; recommendations for; Blumenfeld reprints.		
Blumenfeld, Y. Israel Biochemical Society membership	box 4	folder 7
Boelsma, E.	box 4	folder 7
Bohak, Z. Primarily biographic material about E. Katchalski for possible award nomination	box 4	folder 7
Boman, H.G.	box 4	folder 7
<b>Scope and Contents note</b>		
Includes staff appointment; Boman reprints.		
Boyd, Elizabeth M. Concerning Jytte Muus retirement	box 4	folder 7
Boyer, Paul D. Plans for volume on Proteolytic Enzymes - Methods in Enzymology	box 4	folder 7
Br-Bu	box 4	folder 8
Bradbury, Howard		
Bradley, A.Z.		
Bradley, D.		



Bradshaw, Ralph A.		
Brainin, Joseph Items on J.F. Kennedy Memorial Fellowships contribution at Weizmann Institute dinner		
Brandts, J.		
Braumtzer, Gerhard Munich, Max-Planck Institut lecture, 1968 September 17		
Bregman, Judith		
Brody, M.D. Recommendation for Arthur J. Samuels		
Brooks, Chandler McC. post Harvey Lecture meetings, 1965 1966		
Brown, G.B. On inviting foreign dinner guests attending 6th International Cong. Biochem., NY City, 1964		
Brown, M.A. On nomination as Nat'l Vice-Pres. of Iota Sigma Pi		
Buchanan, J.M.		
Burkey M.		
Burton, Anne. Ciba Foundation		
Bush, C.A. Job inquiry; Bush reprints		
Bustin, Michael		
Ca-Cl	box 5	folder 1
Cahilly, Glenn M.		
Canaan, Nelly		
<b>Scope and Contents note</b> (See Allerton, S.E. correspondence. employment recommendation for Box 4).		
Carr, Emma		
Carroll, William		
Cebra, John J., 1959-1973		
<b>Scope and Contents note</b> Recommendations for: post-doctoral fellowship; Eli Lilly award; Cebra holograph.		
Cepurneek, Carl P.		
Chabay, Ilan		
Chatterjee, A.K. Job inquiry		
Chemical Abstracts. Concerns abstracting work for		

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Chen, H.S.

**Scope and Contents note**

(See under American Society of Biological Chemists Box 4 Folder 3).

---

Chernuchin, Paul

---

Chiao, Marie T. Staff appointment includes curriculum vitae

---

Chien, C.W.

---

Chow, R.

**Scope and Contents note**

(See under Wong, R.C. correspondence.) Box 9).

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Chowrashi, P.K. Job inquiry with curriculum vitae

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Ciba Foundation

**Scope and Contents note**

(See under correspondence.: Bland, Nadia; Burton, Ann Box 4).

---

Cinader, B.

---

Clark, E.E.

**Scope and Contents note**

Includes curriculum vitae.

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Clark, R.C., 1974 May

**Scope and Contents note**

Concerning phosvitin work; 1 item on Israel, Symposium on Polyamino Acids.

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Clement, Gerald E. Concerning pepsin-pepsinogen; phosvitin work; ms with review, 1965-1969

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Co-Cu

box 5

folder 2

---

Cogin, G.

---

Cohen, E.G.D.

**Scope and Contents note**

1 Cohen holograph.

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Cohen, Georges N.

---

Cohen, Waldo E. Concerning biochemical nomenclature

Cole, David R.		
Coleman, Joseph E. Promotion recommendation for George Taborsky		
Colowick, Sidney P. Concerning biochemical nomenclature		
Commonwealth Fund, 1945-1954		
<b>Scope and Contents note</b>		
Deals primarily with correspondence. Perlmann/R. Heffron concerning Perlmann fellowship; includes Commonwealth Fund Fellowship application with Perlmann biographical material; fellowship progress reports of 1945 Nov.-1946 May; 1945 Nov.-1946 Oct.; 1946 Nov.-1947 Oct.		
Conderman, Maria Fuld Concerning Eric Ellenbogen Memorial Fund		
Condliffe, Peter G.		
Conference on Chemical Mechanisms of Enzyme Catalysis. Plans to attend but cancels		
Consolazio, Wm. V.		
Cori, A.T. Staff appointment		
Cori, Osvaldo		
Craig, Lyman. Holograph		
Crane, Robert K. Employment recommendation for Rosie Wong		
CRC Handbook of Biochemistry and Molecular Biology		
<b>Scope and Contents note</b>		
Dr. Perlmann member of Advisory Board of CRC Handbook-3rd edition. Correspondents include: B.J. Starkoff, Gerald Fasman.		
Crestfield, Arthur M. 1972 January 17-21; 1974 January 13 Santa Barbara, California Gordon Conferences, 1972 January 17-21 1974 January 13		
Crewther, W.G.		
Cruickshank, Alexander M.		
Cunningham, Lew		
Cutting, J.A.		
D	box 5	folder 3
Danzis, C.		
Davis, Bernard D.		

Day, Harry G. On honoring Dr. Haurowitz, Indiana University on 70 birthday		
Dayhoff, Margaret		
Deamer, David W.		
Decktor, Barbara		
DeLuca, Chester. Curriculum vitae		
Desnuelle, P. Marseille, France, Institut de Chimie Biologique Symposium on Proteolytic Enzymes seminar, 1969 June 27		
Determann, H.		
Deutsch, Benjamin		
Deutsch, Harold		
Devi, Anima Job inquiry		
Devir, Alisa		
di Gaetano, Rosemary (Mrs. J. Finicia)		
Diringer, Renata. Staff appointment; recommendation for		
Djurtoft, Robert		
Domont, Gilberto		
Doty, Paul		
Douzou, Pierre		
Drazin, Rae		
Dreyer, Wm. J.		
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Eaker, David		
Edman, Pehr. Concerning phosphatase preparations		
Edsall, John T., 1961-1967		
<b>Scope and Contents note</b>		
Includes items on pepsinogen work.		
Egan, Richard. Concerning pepsinogen preparations		
Ehrenberg, Anders		
Ehrenpreis, Seymour		
Eirich, Frederick R.		
Eisenmenger, William J.		
Eisler, Lisbeth. Iota Sigma Pi meeting, 1963 May 4		

Eitingon, Mary

Eli Lilley Award

**Scope and Contents note**

(See under: American Chemical Society correspondence.).

Elliot, Roger C.

Elson, David

Engel, Estella K.

Engel, Jürgen written in German

F

box 5

folder 5

Fahrney, David. On pepsin purification procedures

Fantes, K.H. On phosvitin samples

Fasman, Gerald K., 1960-1974

**Scope and Contents note**

Includes items on: polymer preparations; serving on Advisory Board for new edition of Handbook of Biochemistry and Molecular Biology.

(See also under: CRC Handbook... correspondence.) Box 2.

Feizi, Ten

Ferry, John D.

Finicia, J. Mrs

**Scope and Contents note**

(See under: di Gaetano, Rosemary) Box 5.

Finlay, Thomas H., 1971-1974

**Scope and Contents note**

(See also under: Box 4 American Society of Biological Chemists correspondence.) Staff appointment; recommendations for; Finlay et al reprints; Finlay curriculum vitae.

Fischer, Edmond H. Items on 1968 Gordon Conference on Proteins, 1968

Folk, J.E.

Foltmann, Bent

Forester, Tylee. Recommendation for Lore Henlein

Forman, Leo Recommendation for		
Foss, John G.		
Fox, J.L.		
Fraenkel-Conrat, Jane		
<b>Scope and Contents note</b>		
Items on election to National Honorary membership in Iota Sigma Pi: suggestion to nominate more women for American Chemical Society prizes and Ely Lilly Award.		
Frattali, Victor P.		
Fredericq, E.		
Friden Division of The Singer Co.		
Fruton, Joseph		
Fujiki, Hirota		
G-Go	box 5	folder 6
Gang, Heinrich		
Gamier, Jean		
Gaskin, Felicia Staff appointment; Gaskin et al reprint		
Gelotte, Bertil		
Genaux, Charles T.		
Gerwin, Brenda		
Ghosh, S.B. Job inquiry; includes curriculum vitae; Ghosh et al reprints		
Gibbons, Barbara H.		
Gibbons, Ian R.		
Gibbons, J.		
Gibbs, Julian H.		
Gil-Av, E.		
Gilbert, Martha		
Gilbert, G.A.		
Gilsenan, James F. Recommendation for Jo-Ann F. Danzis		
Gilvarg, Charles. Employment recommendation for Rosie Wong		
Glover, Betsy, 1962-1973		
Godin, Claude		

Goldstein, Leon, 1965-1974

**Scope and Contents note**

Includes promotion recommendation for; Goldstein biographical material.

Goldstein, Ruth, 1967-1973

**Scope and Contents note**

Includes items on visits to Weizmann Institute, Rehovoth, Israel; biographical material about A. Katzir-Katchalsky for possible award nomination.

Go-Gu

box 5

folder 7

Good, Mary L.

Goodman, Murray

Gorbunoff, Marina J.

**Scope and Contents note**

(See under: American Society of Biological Chemists correspondence.) Box 4.

Goss, Barbara Job inquiry

Goudsmit, S.

Gould, R. Gordon

Gounaris, Anne D., 1964-1974

**Scope and Contents note**

Staff appointment; recommendations for;.

(See also under: American Society of Biological Chemists correspondence.).

Grabe, Barbro

Grant, Diane

Gratzer, Walter

Greene, Joyce

Greene, Lewis J.

Greenwald, Michael J. Job inquiry

Gregor, Harry P.

Griffin, John H.

Grisolia, Santiago

Grizzuti, Kärt. Concerning lab work when Dr. Perlmann away		
Gross, Erhard		
Gruber, M.		
Grunberg, Manago, M.		
Guggenheim, John Simon Memorial Foundation		
Gurnani, Shantoo		
Gustafson, Gunnar		
Guth, Eugene		
Guttman, Helen N.		
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Haas, Werner		
Haddon Hall		
Halvorson, Professor		
Hamilton, Gordon A.		
Hancock, Diane		
Handler, Philip On introducing P. Bentley paper at 1954 April meeting of American Society of Biological Chemists in Atlantic City, N.J.		
Hanson, Jean		
Harrington, Sir Charles		
Harrington, William F., 1958-1974		

### Scope and Contents note

Includes: numerous items on pepsin-pepsinogen work;  
item on phosvitin work: recommendation for John Cebra;  
1964 Feb. 22 Gordon Conference on Proteins in N.Y.C.  
at Sloan-Kettering; 1968 Nov. 26? Baltimore, Md.,  
McCollum Pratt seminar.

Harris, Jacqueline L. Boston University, Department of Biochemistry seminar, 1966 May 3		
Harrison, Anna J., 1963 1973		
Hart, Jules		

Harte, Robert A., 1963-1974

### Scope and Contents note

Includes: item nominating Anne D. Gounaris for  
American Society of Biological Chemists membership;



suggesting Poster Sessions for American Society of  
Biological Chemists meetings.

Hartley, Brian		
Hastings, A.B.		
Haugaard, Niels		
Hayashi, Midori		
Hayashi, Teru NY City Columbia University seminar, 1963 March 15		
Hays, Richard M.		
Heald, P.J.		
Heidelberger, Michael		
Heilbronn, Edith		
Hele, Priscilla Job inquiry with curriculum vitae		
Hen-Hu	box 5	folder 9
Henlein, Lore Of American Elsevier Publishing Co.		
<b>Scope and Contents note</b>		
Includes reviews of:.		
Wieland & Pfeider (Eds.) "Molekular-Biologie".		
K.S. Spiegler - proposed "Steady-State Thermodynamics".		
P.J. Wheatley "Chemical Consequences of Nuclear Spin".		
Otto Redlich. "Thermodynamics".		
E. Buddecke "Grundriss der Biochemie".		
Herriott, Doris E.		
Herriott, Roger M.		
Herrmann, Heinz		
Herrmann, Robert L. Boston University seminar, 1971 February?		
Hess, Eugene		
Hess, George P. Cornell University seminar on "Pepsin and pepsinogen" at Ithaca, NY, 1968 May 20		
Hevesy, Pia de		
Heyningen, Simon van		
Hill, Robert L.		

Hillis, W.D.		
Himmelfarb, Sylvia		
Hirs, C.H.W., 1973		
<b>Scope and Contents note</b>		
Concerning nominations committee 1973, Division of biological chemistry, American Chemical Society.		
Ho, Chien		
Hoberman, Henry D.NY City Albert Einstein College of Medicine seminar, 1963 May 13		
Hodgkin, Dorothy		
Hoegger, Jean		
Hoffman, Anna L. Concerning Iota Sigma Pi chapters		
Hofman, Theo		
Holasek, Anton		
<b>Scope and Contents note</b>		
2 items in German.		
Hollingworth, B.R. Recommendation for		
Holmes, K.C.		
Holter, Heinz		
Hopkins, Esther A.H. Concerning Women Chemists Committee, American Chemical Society		
Horecker, B.L.		
Horner, William H.		
Horowitz, Martin I.NY City New York Medical College seminar, 1969 April 2		
Hrkal, Zbynek		
Huennekens, Frank		
Humphrey, John		
Hung, Pauline. Iota Sigma Pi meeting, 1962 May 5		
I-J	box 6	folder 1
Ichishima, Eija		
Imahori, Kazutomo, 1967 August		

## Scope and Contents note

Includes items on pepsin-pepsinogen work;, Tokyo, Japan, International Congress of Biochemistry.

International Symposium on Conformational Analysis
Israel Biochemical Society
Jacobsen, Henning
Jakus, Marie A.
Jirgensons, Bruno, 1960-1971

## Scope and Contents note

Includes recommendation for Dr. Nakagawa.

Johnson, Donald G.
Johnson, Paley
Jones, J.H.
Jones, Mary Ellen

## Scope and Contents note

Includes biographical material and letters of recommendation from G.E. Perlmann, N.O. Kaplan, F. Lipmann for nominations for Iota Sigma Pi research award and Garvan award.

Journal of Biological Chemistry
Jukes, Thomas H.
Jung Hotel

Katchalski, Ephraim, 1958-1973	box 6
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## Scope and Contents note

Correspondence deals mainly with current work; collaboration; visits to Israel includes beginning with 1960 March, 6 months as visiting Professor in E. Katchalski laboratory with 3 months undated letters by O. Blumenfeld; many E. Katchalski handwritten items; includes material on E. Katchalski numerous visits to RI; 2 photographs 1960, 1969; recommendation for John Cebra. In 3 folders.

1958-1962	box 6	folder 2
1963-1973	box 6	folder 3
E. Katchalski laboratory correspondence, 1960	box 6	folder 4

## Scope and Contents note

Correspondence received from RU lab while visiting Professor in E. Katchalski laboratory at Weizmann Institute in 1960.

Correspondence deals mainly with laboratory experimental work:.

Blumenfeld, Olga.

Diringer, Renata.

Eng, Betty (Hon).

Johnston, Kathy.

Lacock, E.S.

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Katzir-Katchalsky, Aharon, 1961-1973

box 6

folder 5

## Scope and Contents note

Correspondence deals mainly with current work; collaboration; visits to Israel.

(See also under: Goldstein Ruth correspondence. Box 5; Sharon, Nathan correspondence. Box 9).

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Ka-Kend

box 6

folder 6

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Kac, Mark

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Kaiser, Emil T.

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Kalckar, Herman M.

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Kalckar, Jorgen

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Kaplan, Nathan O., 1961-1971

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Karasz, F.E.

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Kassell, Beatrice, 1965-1968 23 January 1974

## Scope and Contents note

Includes 1968 Jan. 23 Milwaukee, Wise. Marquette Univ. School of Medicine seminar; items on pepsin-pepsinogen work; recommendation for.

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Kauzmann, Walter, 1962-1974

---

Kay, John

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Kedem, Ora

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Keil, B., 1960-1972

Keller, Patricia		
Kendrew, John C.		
Kenn-Ko	box 6	folder 7
Kennedy, Eugene, 1962-1966 April 30, 1971		
<b>Scope and Contents note</b>		
Includes 1966 April 30 Harvard Medical School dinner invitation honoring Ephraim Katchalski.		
Kerwar, Grace		
Kessler, John O.		
Khan, Sohaib A.		
Khorana, G.P.		
Kirschenbaum, Donald M.		
Kleiner, Israel S.		
Klotz, I.M. Evanston, Ill. Northwestern University seminar, 1968 January 25		
Knowles, Jeremy R.		
Koehn, Paul V., 1964-1969		
<b>Scope and Contents note</b>		
Includes staff appointment; recommendations for; Koehn and Kind reprint; Koehn curriculum vitae.		
Ko-Kw	box 6	folder 8
Koltun, Walter L.		
Konigsberg, William H.		
Kornberg, Arthur		
Kostka, Vladimir		
Kraut, Joseph		
Krebs, Edwin G.		
Krimm, Samuel		
Krogmann, David W.		
Kucar, Olga		
Kuck, Valerie J.		
Kulka, R.G.		
Kunkel, Henry		

## Scope and Contents note

(See under Muller-Eberhard, Hans correspondence. Box 7).

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Kwei, K.P.

---

Linderstrøm-Lang, K., 1946-1959 1960-1964

box 7

folder 1

## Scope and Contents note

(9 obituary articles ca. 1960-1964).

Includes numerous letters about scientific work and comments on Perlmann mss; some holographs. 7 letters with Møller; some correspondence about Linderstrøm-Lang 1957 lectures at RI. Obituary articles, one in Danish and charter of Linderstrøm-Lang Foundation and some letters.

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Longworth, Lewis G., 1944-1957 1960 1966

box 7

folder 2

## Scope and Contents note

Includes holographs.

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L-Ly

box 7

folder 3

---

Ladman, John

---

Laiken, Nora D.

---

Lambros, Joan P. Member of award committee of Iota Sigma Pi

---

Lanclos, Kenneth D.

---

Lapanje, Savo

---

Lapidot, Yehuda, 1960-1971

## Scope and Contents note

Includes recommendations for.

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Lee, Y.C.

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Lemoncelli, Elissa

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Lenard, Jean

## Scope and Contents note

(See under: Lucas-Lenard, Jean correspondence. Box no. 7).

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Léonis, José, 1957-1963

## Scope and Contents note

Includes staff appointment.

Lerner, H.D.

Levine, Lawrence

Levinsky, Haim

Levison, Stuart Job inquiry

Levy, H. Richard

Li, C.H., 1963 April 1

**Scope and Contents note**

Includes Berkeley, California, University of California seminar.

Li, H.J.

Li, Y.T.

Lifson, Shneior

Lillevik, Hans A.

Linderstrøm-Lang, C.U.

Lipkin, David, 1961 February 16

**Scope and Contents note**

Includes Y. Lapidot recommendation; St. Louis, Mo. Biophysical Society seminar.

Lisco, Hermann

Littauer, U.Z.

Lloyd, D.C.P. Congratulations on G.E. Perlmann promotion to full professorship

Lobue, Bonnie

Loewenstein, Martha, 1967-1974

**Scope and Contents note**

Includes: Invitations to Annual Weizmann Institute dinners; gift for Aharon Katzir-Katchalsky Center.

Loftfield, Robert B.

Lontie, René

Loomis, M.A.

Lorand, Joyce (Mrs. Laszlo)

Lorand, Laszlo, 1963-1974

## Scope and Contents note

Includes: 1964 Apr. 17 and 1974 Ca. Feb. 18  
Northwestern Univ. seminars; some correspondence. on  
relationship with Academic Press and possibly? Methods  
in Enzymology.

Lotan, Noah

Lowey, Susan

Lucas-Lenard, Jean

## Scope and Contents note

Includes biographical material and letters of  
recommendation from G.E. Perlmann, S.S. Cohen, M.  
Grunberg-Manago, F. Lipmann, F.D. Vasington for  
nomination for Pfizer award.

Luck, David Wayne L. Hubbell evaluation

Ludin, Adele On Iota Sigma Pi

Lundberg, A. Stockholm, Sweden, International Congress of  
Biochemistry, 1973 July 1-7

Lyons, David J.

Lyman, R.L.

M-Mul	box 7	folder 4
Makonnen, Belew Proteolytic Enzymes volume	box 7	folder 4
Malkin, Charles	box 7	folder 4
Mao, Thomas S.S.	box 7	folder 4
Marchaim, Toni Concerning Uri Marchaim	box 7	folder 4
Marchaim, Uri Staff appointment; includes Marchaim et al reprints	box 7	folder 4
Margoliash, E.	box 7	folder 4
Marks, Herman On attending, Aharon Katchalsky memorial seminar at Polytechnic Institute of Brooklyn, 1973 February 3	box 7	folder 4
Marks, Richard	box 7	folder 4
Marshall, R.D.	box 7	folder 4
Martin, R. Bruce	box 7	folder 4
Masone, E.D. Job inquiry	box 7	folder 4
Matthews, Drue	box 7	folder 4
Mauzerall, David C. On agreeing to participate in RU tutorial program	box 7	folder 4



May, Sheldon W.	box 7	folder 4
McCarty, Maclyn On attending dinner honoring M. Sela preceding Harvey Lecture	box 7	folder 4
McDonald, Ken	box 7	folder 4
McFarlane, A.S.	box 7	folder 4
McGavin, S.	box 7	folder 4
McKenzie, H.A.	box 7	folder 4
McMeekin, T.L. Congratulations on winning Garvan Award	box 7	folder 4
Mehler, Alan H.	box 7	folder 4
Mellecker, John B.	box 7	folder 4
Meloun, B.	box 7	folder 4
Michaeli, I.	box 7	folder 4
Miller, Joyce	box 7	folder 4
Miner, Eunice T.	box 7	folder 4
Mirsky, Sonia W. Concerning Ephraim Katchalski use of RU library	box 7	folder 4
Monnier, A.	box 7	folder 4
Monroy, Alberto	box 7	folder 4
Moore, Eunice M. Congratulations on winning Garvan Medal	box 7	folder 4
Moràvek, Ladislav	box 7	folder 4
Morrissey, S.	box 7	folder 4
Moy, Mamie W. On setting up Iota Sigma Pi chapter at University of Houston	box 7	folder 4
Mueller, Frank H.	box 7	folder 4
Mukerjee, H. Job inquiry includes curriculum vitae	box 7	folder 4
Muller-Eberhard, Hans	box 7	folder 5
<b>Scope and Contents note</b>  Includes biographical material about Henry Kunkel for possible award nomination; H. Muller-Eberhard holograph concerning Kunkel work.		
Muller-Eberhard, Ursula, 1968-1974	box 7	folder 5

## Scope and Contents note

Includes 1969 Mar. 3 La Jolla, Calif. Scripps Clinic and Research Foundation seminar; recommendation for; U. Muller-Eberhard biographical material.

Mun-My

box 7

folder 6

Muntinghe, Otto G.

Murachi, Takashi

## Scope and Contents note

Includes Murachi family photograph; Murachi ms with comments.

Murphy, James S.

Murray-Lyon, Iain

Muus, Jytte, 1953-1968 May 9

## Scope and Contents note

Includes 1968 May 9 Mount Holyoke lecture; recommendations for various grants, Fullbright teaching fellowship and others; curriculum vitae.

Mycek, Mary J., 1954-1969

## Scope and Contents note

Includes staff appointment; recommendation for;

(See also under: American Society of Biological Chemists correspondence. Box no. 3).

Myhrman, Rolf

N-Na

box 7

folder 7

Nachmansohn, David

Nagy, Bela F. Grant application review with photocopied grant application

Najjar, Victor A., 1965-1974

Nakagawa, Y., 1968-1973

## Scope and Contents note

Includes staff appointment; recommendations for; Nakagawa et al reprints.

National Academy of Sciences Reviews of tables for Committee on the Handbook of Biological Data: Reviews: Tables on Proteins; Physical Chemical Properties; Plasma Proteins

National Aeronautics and Space Administration		
National Institutes of Health Correspondent: Julia T. Apter		
Navidi, Marjorie H.		
Ne-No	box 7	folder 8
Neuberger, A., 1960-1973		
<b>Scope and Contents note</b>		
Includes S.E. Allerton recommendation.		
Neumann, Hava, 1961-1971		
<b>Scope and Contents note</b>		
Includes correspondence about pepsin-pepsinogen work.		
Neurath, Hans Correspondence indicates reviewed mss for Biochemistry; includes correspondence about volume on Proteolytic Enzymes of Methods in Enzymology, 1961-1971		
New York Academy of Sciences		
Nielsen, Sigurd O.		
Nissen, Merrill E.		
Noda, Lafayette, 1961 May 9-1971		
<b>Scope and Contents note</b>		
Includes 1961 May 9 Dartmouth Medical School seminar; nomination of Lucile Smith for Garvan award with biographical material on L. Smith.		
O-On	box 8	folder 1
Ochert, Dvorah		
Oestreicher, A. Beate, 1961-1971		
<b>Scope and Contents note</b>		
Includes staff appointment while working toward doctorate; Oestreicher et al reprint.		
Ohad, I. Job inquiry for Shabtai Bauer		
Oncley, J.L.		
Ong, Eng Bee, 1965-1969		
<b>Scope and Contents note</b>		
Includes staff appointment; recommendation for; Onglet all reprints.		

Op-Ot	box 8	folder 2
Oplatka, Avraham, 1965-1973		
Oppenheim, Irwin		
Orekhovich, V.N.		
Oren, Mollie		
Orion Research Inc.		
Ottesen, Martin and Gerda, 1963-1973		
<b>Scope and Contents note</b>		
Some correspondence. about memorial honors for K. Linderstrøm-Lang; and Seminars.		
Carlsberg Laboratory, 1968 September 6		
Copenhagen, Proteolytic Enzyme Symposium, 1969 circa June 15		
Carlsberg Laboratory, 1970 August 31		
P-Pra	box 8	folder 3
Paecht, Marit		
Palade, George E.		
<b>Scope and Contents note</b>		
Includes Nobel Prize nomination for Palade with biographical material.		
Paladini, A.C., 1964-1973		
Parker, Sybil		
Parks, W. George		
Patchornik, A., 1961-1973		
Pazur, John H.		
Pedersen, Kai O., 1961-1973		
Pedersen, O. Margery		
Perlmann, D.		
Perlmann, Peter		
Perutz, Max		
Pharo, Richard L.		
Phillips, David C.		
Picket, Lucy W. Recommendation for Garvan medal		

Pin, Paul		
Pitt-Rivers, Rosalind		
Pollaczek, Eric H.		
Pomerat, Gerald		
Pope, Pauline F.		
Porath, J.		
Porter, Roger S.		
Pratt, Charles		
Pre-Po	box 8	folder 4
Prescott, J.M. 1969-1974 Some correspondence. about pepsin-pepsinogen work; includes 1973 ca. May 10 Texas A & M seminar, 1969-1973 circa 1974	box 8	folder 4
Press, Elizabeth M., 1959-1973	box 8	folder 4
<b>Scope and Contents note</b>  Includes staff appointment; correspondence. about pepsin-pepsinogen work.		
Prints, Morton	box 8	folder 4
<b>Scope and Contents note</b>  Includes recommendations for.		
Pritham, Gordon H.	box 8	folder 4
Prywes, M.	box 8	folder 4
Putnam, Frank W., 1959 1961 April	box 8	folder 4
<b>Scope and Contents note</b>  About introducing papers for presentation by others at 1959, 1961 April meetings of ASBC in Atlantic City; includes abstracts of each paper.		
Porter, Rodney R., 1959-1973	box 8	folder 5
<b>Scope and Contents note</b>  Includes nominations for Nobel Prize and Rosenstiel award with Porter biographical material; Porter holograph.		
R-Ry	box 8	folder 6
Ramachandran, B.V. Job inquiry; includes reprint		
Ramachandran, G.N.		
Ramachandran, N.		

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Ramakrishnan, C.

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Rao, N.V.

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Rapin, Annette

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Ratner, Sara

---

Reilly, Edith

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Reynolds, Jacqueline

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Reynolds, John H. St. Louis, Mo. Monsanto Laboratories  
seminar, 1967 December 8

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Ribadeau-Dumas, B.

---

Richards, Frederic M.

---

Richter, Dietmar

---

Rigbi, Meir

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Rilbe, Harry

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**Scope and Contents note**

Includes attending Stockholm, International Congress  
Biochem.

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Rimon, Avraham, 1973 July 1-7

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Rimon, Sara, 1965-1969

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**Scope and Contents note**

Staff appointment; 1966 photograph of Sara Rimon.

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Robert, Leslie

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Roepke, M.H.

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Roseman, Saul

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Rosenblith, Walter

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Rosenheck, Kurt

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Rosenthal, Lois

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Roslansky, John D.

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Roverly, Mireille

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Rupley, John A., 1973 January 19

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**Scope and Contents note**

Includes Univ. of Arizona seminar.

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Russak, B.

---

Ryle, A.P.		
S-Se	box 8	folder 7
Sachs, Howard. Curriculum vitae		
Saha, Anil		
Saifer, A.		
Salzberg, Jane		
Samuel, David		
Sathe, D.V.		
Schejter, A. Recommendation for Leon Goldstein		
Schellman, John A.		
Scheraga, Harold A.		
Schlamowitz, Max, 1960-1972		
<b>Scope and Contents note</b>		
Includes correspondence. about pepsin-pepsinogen work.		
Schlesinger, R. Walter. Recommendation for Rosie Wong		
Schmid, Karl, 1963-1971		
Boston University School of Medicine seminars, 1966 May 3 1971 January 28		
Schmidt, Gerhard (Boston Dispensary), 1953-1960		
Schmidt, Gerhard M.J. (Weizmann Institute)		
Schmitt, Francis O.		
Schramm, Michael, 1965-1974		
<b>Scope and Contents note</b>		
Includes promotion recommendation for Y. Lapidot.		
Schreiber, M.		
Schultz, Julius. On becoming member of nominating committee American Chemical Society, Division of Biological Chemistry		
Schwabe, Christian		
Schwartz, James H.		
Schwarz, David R.		
Schwyzer, R.		
Seifter, S.		
Sela, Ben Ami. About position for Eziona Sela		

Sela, Eziona		
Sela, Margalit		
Sela, Michael, 1960-1972		
Sen, A.		
Sessa, Grazia. Job inquiry		
Severson, Roland G.		
Sh-Si	box 9	folder 1
Shainkin, Ruth		
<b>Scope and Contents note</b>		
Includes staff appointment; recommendations for; Shainkin et al reprints.		
Shapiro, B. Promotion recommendation for Yehudith Birk		
Sharon, Nathan, 1968-1974		
<b>Scope and Contents note</b>		
Includes newspaper article on Stein, Moore, Anfinson, Nobel Prize winners, in Hebrew; issue of magazine Mada (Hebrew) with article and many photographs of Aharon Katzir-Katchalski.		
Shaw, Elliott N.		
Sheiba, Becky		
Shilo, Mira and Moshe		
Shooter, Eric M.		
Shotten, David		
Shull, Kenneth H.		
<b>Scope and Contents note</b>		
Includes curriculum vitae.		
Sigma Xi. Treasurer of Sigma Xi, 1969-1970		
Silberberg, Alex, 1961-1974		
Simonds, Herbert R.		
Simpson, Melvin		
Singer, Maxim		
Sinohara, Hyozo		
Sm-Sz	box 9	folder 2



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Small, M.C.

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Small, Parker A.

**Scope and Contents note**

Includes curriculum vitae.

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Smillie, Ernest W.

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Smillie, L.B.

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Smith, Dwight M.

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Smith, Emil L.

**Scope and Contents note**

Includes recommendation for Nelly Canaan.

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Smith, Homer (Woods Hole)

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Smith, Lucile, 1961-1973

**Scope and Contents note**

(See also under: Noda, L. correspondence. Box no. 7).

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Snyder, Stuart S.

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Sober, Herbert A., 1962-1963 October 24, 1971

**Scope and Contents note**

Includes 1963 Oct. 24 National Cancer Institute seminar;  
abstract.

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Socha, Elizabeth

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Sokolovsky, M.

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Solomon, A.

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Sonenberg, Martin

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Spikes, John D.

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Spiro, Robert G.

**Scope and Contents note**

Includes correspondence about phosvitin work.

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Stahmann, Mark A.

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Stecher, E.D.

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Steckelman, Ilana

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Steele, Barbara

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Stein, Eric A.

Stein, William H.

Stein, Yeheskiel and Olga

Steinberg, Izchak Z.

Steiner, Lisa

Stern, Adolph J.

Stern, Robert

Stevens, Walter

Stitzen, Charles W., 1961 April 10-15

### **Scope and Contents note**

About reservations for 1961 Apr. 10-15 Atlantic City, N.J.  
Federation meeting.

Stockmayer, Walter H.

Stollar, James Job inquiry

Sunderlin, C.E.

Svensson, Harry

Symposium (Columbia University)

Szuchet, Sara

### **Scope and Contents note**

Includes Szuchet et al reprints.

T-Tö

box 9

folder 3

Tabor, Herbert

Taborsky, George, 1961-1973

### **Scope and Contents note**

Includes correspondence. about phosvitin work.

Tanford, Charles

Tang, Jordan J.N., 1961-1973

Tanksley, T.D.

Tata, J.R.

Thayssen, J. Hess

Thompson, Thomas E. About York Tsang

Tiffany, Lois. About phosvitin work

Timasheff (Gorbunoff), Marina. AAUW and NIH research fellowship recommendations		
Timasheff, S.N., 1966-1974		
Tondo, Casemiro V.		
Toralballa, Gloria		
Townend, R.		
Tr-Tu	box 9	folder 4
Traub, Wolfie		
<b>Scope and Contents note</b>		
Includes correspondence. about phosvitin work.		
Traymore Hotel		
Trop, Moshe. Staff appointment		
Tsang, C. Mr. and Mrs. About York Tsang		
Tsang, York, 1963-1965 1973		
<b>Scope and Contents note</b>		
Includes staff appointment; photocopied typescript of Thompson and Tsang 1963 ACS meeting presentation; recommendation for.		
Tschoegl, N.W.		
Turnbull, J.H.		
<b>Scope and Contents note</b>		
Includes Turnbull curriculum vitae; Turnbull et al reprints.		
V-von	box 9	folder 5
Vandendriesche, L.		
Van Vunakis, Helen, 1963 February 27 1967 June 12		
<b>Scope and Contents note</b>		
Includes 1963 Feb. 27, 1967 June 12 Brandeis Univ. seminars; about pepsinogen work.		
Varma, R.		
Vennesland, Birgit, 1961-1974		
Vidali, Giorgio		

## Scope and Contents note

Includes biographical material; letters of recommendation from Perlmann, Luck, Zinder and others; Vidali et al reprints.

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Villafranca, Joseph

---

von Hippel, Peter, 1961-1968

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W

box 9

folder 6

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Wacker, Warren E.C.

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Walton, Alan G. About Biopolymer Subgroup of Biophysical Society

## Scope and Contents note

Includes By-Laws and membership list (Dr. Perlmann member).

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Weaver, Edwin S.

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Weinstein, Boris

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Weisiger, James R.

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Weisskopf, Victor

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Wetlaufer, Don B.

---

White, Abraham

## Scope and Contents note

On hostessing C.B. Anfinsen party after his Harvey Lecture at RU.

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White, Thomas T.

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Wikler, Maurice

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Wilcox, P.E.

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Wildi, Bernard S.

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Williams, Curtis A. Curriculum vitae

---

Wilson, D.

## Scope and Contents note

(See under: Albertson, Donna correspondence. Box no. 4).

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Wilson, T. curriculum vitae

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Wittliff, James L.

---

Woerner, Lee. Refreshments for party, 1970 June 23

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Wolff, Edith C.		
Wolstenholme, G.E.W.		
Woodfin, Beulah		
Wong, Rosie C., 1968-1971		
<b>Scope and Contents note</b>		
Includes: staff appointment; recommendations for.		
Woods Hole. Marine Biological Laboratory		
Woods, Frank		
Work, T.S. Item on Oxford Biochemical Society meeting, 1963 July 16-31		
Worthington Biochemical Corp.		
Wriston, John C.		
Wyman, J.		
Y-Z	box 9	folder 7
Yang, D.N.		
Yang, Jen Tsl (Frank), 1963-1973		
Yaron, Arie		
Yasunobu, Kerry T.		
Yon, Jeanine		
Young, D.E.		
York, Marcetta		
Yphantis, David		
<b>Scope and Contents note</b>		
Includes curriculum vitae; American Society of Biological Chemists membership recommendation.		
Zaccarias, A.V.		
Zamoyska, Bradley A.		
Zeuthen, Eric		
Zimm, Bruno H.		
Zito, Romano		
Zuber, H.		

Rockefeller University Administration Subject Files

## Scope and Contents note

For the University administration G.E. Perlmann worked with students in planning courses, conducting interviews, and planning lectures. Also included is correspondence with the administration on laboratory personnel, budgeting and grant applications.

## Arrangement note

Arrangement is by subject and approximate chronological order.

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Administrative correspondence

## Arrangement note

Arranged in approximate chronological order.

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Miscellaneous, 1945-1956

box 10

folder 1

## Scope and Contents note

Includes correspondence with A.R. Dochez; E.B. Smith; V. du Vigneaud, Petrzalka, Cogger about appointments, salary, retirement, group Life Insurance, Blue Cross, laboratory matter.

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Gasser, Herbert, 1947-1953

box 10

folder 2

## Scope and Contents note

Scientific staff appointments; Carlsberg laboratory visit.

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RI Staff Meetings, 1951-1952

box 10

folder 3

## Scope and Contents note

Perlmann, Secretary of the Program Committee.

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Rivers, Thomas M., 1953-1955

box 10

folder 4

## Scope and Contents note

Visit to Carlsberg and Fromageot's laboratories; NSF travel award.

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Flinn, Waldo R. and Whitaker, Douglas, 1956-1964

box 10

folder 5

## Scope and Contents note

Expenditures of laboratory funds including travel: laboratory appointments.

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Bronk, Detlev W., 1954-1971

box 10

folder 6

## Scope and Contents note

Includes holograph; letter of commendation for Perlmann  
RU lecture.

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Campbell, Charles I., 1957-1961

box 10

folder 7

## Scope and Contents note

Primarily information for Quarterly Review.

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Seitz, Frederick, 1968-1974

box 10

folder 8

## Scope and Contents note

Assorted correspondence. but includes listing of current  
status of former Perlmann post-docs and various  
recommendations.

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Gold, Albert, 1969-1973

box 10

folder 9

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Dean's Office

box 10

folder 10

## Scope and Contents note

Correspondence with Brink, Frank and Hirsch, James  
deals primarily with student courses.

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Student Interviews

box 10

folder 11

## Scope and Contents note

Interviews and evaluations of prospective students to RU  
graduate program:.

Ballard, Stephen G.

Hunkapiller, Michael.

Leavitt, Randi Y.

Nash, Barbara T.

Richmond, Timothy J.

## Arrangement note

Arrangement alphabetical and then chronological within  
each student.

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Students

## Scope and Contents note

Dr. Perlmann committee chairman to evaluate student  
theses and conduct final examinations for some students  
and for others functioned as part of faculty committees for  
examination, tutorial and progress reports and for grant and

fellowship recommendations. Served as outside examiner for thesis evaluation of Sila Chaudhuri (student from India).

### Arrangement note

Arrangement alphabetical and then chronological within each folder.

Bennett, Gudrun	box 10	folder 12
Burgess, Paul R.	box 10	folder 12
Cellarius, Richard A.	box 10	folder 12
Chaudhuri, Shila (Calcutta University)	box 10	folder 12
Englund, Paul T.	box 10	folder 12
Fruchter, Rachel G.	box 10	folder 12
Iwanij, Victoria	box 10	folder 12
Kent, Joan L.	box 10	folder 12

### Scope and Contents note

(See also under: Purple, Richard in Box no. 10, folder 13).

Laiken, Nora D.	box 10	folder 12
Laiken, Stuart	box 10	folder 12
Purple, Richard	box 10	folder 13

### Scope and Contents note

(See also under: Kent, Joan Box 10, folder 12).

Rossomando, Edward P.	box 10	folder 13
Schwartz, James H.	box 10	folder 13
Simon, Sanford	box 10	folder 13
Yip, Cecil C.	box 10	folder 13
Student teaching, 1973-1974	box 10	folder 14

### Scope and Contents note

G.E. Perlmann, D. Mauzerall, G. Edelman taught Physical Chemistry course.

Includes handwritten corrections by G.E. Perlmann for RU catalog.

Student Course notes in Biochemistry and Protein Chemistry. Plan for student courses with outline. Pages numbered consecutively as found, 1955-1957	box 11	folder 1
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Student Courses sponsored and organized by G.E. Perlmann		
ORD-CD Course, 1968	box 11	folder 2
<b>Scope and Contents note</b>  Correspondence; typescript draft on notes on [Harrington?] lecture; purchase orders for course equipment; bibliography; working material; some student submitted material (curves and measurements).		
ORD-CD Courses: Correspondence; bibliographies; working material, 1969 1970 1972	box 11	folder 3
W.F. Harrington course (8 lectures) "Association Behavior of Proteins", 1974 January	box 11	folder 4
<b>Scope and Contents note</b>  Correspondence; bibliography; working material includes notes.  (See also under: Harrington, W.F. correspondence. Box no. 5).		
ORD-CD course, 1974 February-March	box 11	folder 5
<b>Scope and Contents note</b>  Correspondence; bibliographies; working material; includes Review by Stryer and Critical Review in Biochemistry by Strickland.		
Lecture Committee, 1967-1969	box 11	folder 6
<b>Scope and Contents note</b>  Lectures: RU faculty committee on lectures. Correspondence; lecture arrangements; some duplicated material.		
Faculty and Student Club, 1967-1970	box 11	folder 7
<b>Scope and Contents note</b>  On Board of Directors. Primarily duplicated material.		
University Senate	box 11	folder 8
<b>Scope and Contents note</b>  Primarily duplicated material; includes minutes of meetings.		
General Notices/Reports, 1969-1973	box 11	folder 9

## Scope and Contents note

Primarily duplicated material.

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Summary. Survey on status of RU Academic Personnel, 1971-1972

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Christiania Leonard (Asst. Prof. RU) Report "An inquiry into the status of women in science", 1973

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Laboratory	box 11	
Laboratory Budgets, 1959-1960 - 1974-1975	box 11	folder 10

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## Scope and Contents note

Includes some correspondence; proposals; budgets and revisions.

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Laboratory Efforts; Time Reports (Time spent on various activities)	box 11	folder 11
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## Scope and Contents note

Includes.

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Marie Chiao, 1972-1973

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Dolores Madonia, 1973-1974

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Uri Marchaim, 1974

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Gertrude E. Perlmann, 1967-1974

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Laboratory plans and equipment, 1971	box 11	folder 12
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## Scope and Contents note

Includes original laboratory plans (correspondence., architects drawings, working material) for Perlmann laboratory; items concerning equipment; requisitions; 1971 hazardous chemical inventory; plans for various lab installations.

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Laboratory personnel miscellaneous	box 12	folder 1
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## Scope and Contents note

Correspondence with personnel, accounting depts.

Deals primarily with salaries and allocations; vacations.

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Laboratory Personnel, 1953-1974	box 12
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## Scope and Contents note

Staff and technician job Inquiries; applications; technician appointments and recommendations for.

### Arrangement note

Arrangement in alphabetical order.

A-C	box 12	folder 2
D-H	box 12	folder 3
I-M	box 12	folder 4
N-Z	box 12	folder 5
Travel		
Correspondence primarily with hotels; travel vouchers	box 12	folder 6
Grants (Miscellaneous)	box 12	folder 7

### Scope and Contents note

Miscellaneous items concerning grants.

Includes Mary J. Mycek USPH Fellowship.

Grants awarded for scientific research and travel

### Scope and Contents note

Correspondence; applications; award notices; progress reports; duplicated material; few denials included.

### Arrangement note

Arranged in chronological order within each institution.

NIH, 1956-1959	box 13	folder 1
<b>Scope and Contents note</b> Includes L.G. Longworth handwritten recommendation for Perlmann research grant award.		
NIH, 1958-1963	box 13	folder 2
NIH, 1964-1969	box 13	folder 3
NIH, 1969-1974	box 13	folder 4
NSF Travel Grants, 1955-1960	box 13	folder 5
<b>Scope and Contents note</b> To attend various meetings and laboratories abroad.		
NSF, 1961-1968	box 13	folder 6
NSF, 1969-1974	box 13	folder 7
Research Corp, 1970-1972	box 13	folder 8

American Cancer Society, 1970-1973	box 13	folder 9
Fellowship; grant applications denied, 1968 1973	box 13	folder 10

Laboratory reports

**Scope and Contents note**

Laboratory reports of workers other than G.E. Perlmann.

Reports; mss; laboratory notes.

Includes reports of work on pepsin-pepsinogen; phosvitin etc. carried on in Perlmann laboratory by individual workers and visitors. Some merely lab notes of incomplete work. Pages numbered consecutively as found.

**Arrangement note**

Arrangement in alphabetical order by worker.

Albertson, Donna, 1968-1969	box 14	folder 1
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**Scope and Contents note**

Typescript of summer work; chromatograms of work done at Mt. Holyoke; correspondence.

Allerton, Sam - Phosvitin. Typescript reporting work on phosvitin, undated	box 14	folder 2
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[Chiao, Marie] - Phosvitin Typescripts of experimental procedures and results, 1973	box 14	folder 3
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**Scope and Contents note**

Includes handwritten notes.

Finlay, Tom, 1972-1973		
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**Scope and Contents note**

Includes material provided for Perlmann 1972 Annual Report; typescript drafts with corrections of mss and possible talks; working material; correspondence. In 2 folders.

pp. 1-144	box 14	folder 4
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pp. 145-262	box 14	folder 5
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Gaskin, Felicia - Phosvitin, 1972	box 14	folder 6
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## Scope and Contents note

Typescripts of experimental work and procedures;  
includes material provided for Perlmann Annual Report;  
correspondence; graphs.

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Grizzuti, Kart - Phosvitin, 1972

box 14

folder 7

## Scope and Contents note

Typescript of material provided for Perlmann Annual  
Report; correspondence (some from Lisa[?]) includes  
experimental work; graphs; charts.

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[Harrington], Bill - Pepsin-Inhibitor, 1961

box 14

folder 8

## Scope and Contents note

Typescripts of experimental work and procedures; graphs;  
working material; 1 holograph (correspondence) signed  
Bill [Take this to be Bill Harrington?].

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Hartley, Brian Pepsinogen-Pepsin, undated

box 14

folder 9

## Scope and Contents note

Perlmann handwritten outline of discussion with Brian  
Hartley at International Congress of Biochemistry.

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Jane [last name not known] - Phosvitin, 1969

box 14

folder 10

## Scope and Contents note

Typescript of experimental work and procedures; includes  
laboratory notes; graphs chromatograms.

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Marchaim, Uri - Phosphoproteins, 1972-1974

box 14

folder 11

## Scope and Contents note

Typescript of experimental work and presentation.

Includes tables; graphs; working material; handwritten  
note.

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Muller-Eberhard, Ursula (from Scripps Clinic, La Jolla, Calif.) -  
ORD-CD, 1969-1970

## Scope and Contents note

Includes calculations and experiments done in laboratory  
for Dr. Muller-Eberhard; includes typescripts of Muller-  
Eberhard paper and abstract; figures. In 2 folders.

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pp. 1-80

box 14

folder 12

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pp. 81-167

box 14

folder 13

Nakagawa, Y. - Pepsin-Pepsinogen, 1969	box 15	folder 1
<b>Scope and Contents note</b>		
Typescript of experimental work and possible presentation.		
Includes graphs; tables.		
Oestreicher, B.A.- Pepsin-Pepsinogen, 1962-1963	box 15	folder 2
<b>Scope and Contents note</b>		
Typescript of experimental work and procedures.		
Includes graphs; lab notes; measurements; experimental work outline.		
Shainkin, Ruth - Peptide; phosvitin, 1971-1972	box 15	folder 3
<b>Scope and Contents note</b>		
Various typescript reports on experimental work.		
Includes lab notes; graphs; tables; published papers by others.		
Tsang, York - Trypsin experiments, 1965	box 15	folder 4
<b>Scope and Contents note</b>		
Typescripts of report on experimental work.		
Includes figures; tables; procedures; graphs; lab notes.		
Van Vunakis, H.- Pepsinogen-Immun, 1960-1961	box 15	folder 5
<b>Scope and Contents note</b>		
Reports by Dr. Van Vunakis students at Brandeis on procedures developed in Perlmann lab.		
Includes preparations; procedures; laboratory notes; Van Vunakis progress report; gel diffusion photographs; reprint and mss by others.		
Wong, Rosie - Porcine pepsinogen, 1970-1971	box 15	folder 6
<b>Scope and Contents note</b>		
Handwritten summary of experimental work; 1 item correspondence.		
Reviews Manuscripts/Grant Proposals		

## Scope and Contents note

Dr. Perlmann served as reviewer for scientific journals and for institutions on grant requests.

Includes one complete ms; most grant proposals.

## Arrangement note

Arranged in alphabetical order by journal or institution. In chronological order within each folder.

Mss. Reviews		
Analytical Biochemistry, 1966-1973	box 16	folder 1
Archives of Biochemistry and Biophysics, 1953-1970	box 16	folder 2
Biochemistry, 1962 1967-1974	box 16	folder 3
Canadian J. of Chemistry, 1963	box 16	folder 4
Immunochemistry, 1970	box 16	folder 5
J. American Chemical Society, 1955-1961	box 16	folder 6
J. Biological Chemistry, 1959 1963 1966 1972	box 16	folder 7
<b>Scope and Contents note</b>		
Includes S. Moore handwritten comments on Folsch and Osterberg ms.		
J. Biophys. Biochem. Cytol., 1956, undated	box 16	folder 8
J. Clinical Investigation, 1964	box 16	folder 9
J. General Physiology; [nd], 1958	box 16	folder 10
Nature, 1963	box 16	folder 11
Science, 1968-1970	box 16	folder 12
Grant proposals		
American Philosophical Society, undated	box 16	folder 13
NIH, 1954 1958 1959 1961 1970	box 16	folder 14
NSF, 1957 1958 1964 1965 1970	box 16	folder 15
NSF, 1971-1972	box 16	folder 16
NSF, 1972 1974	box 16	folder 17

Conferences; meetings; seminars, 1949-1974

## Scope and Contents note

Consists of correspondence; programs; memorabilia; mss with working materials; outlines; abstracts; some cancellations. In

some instances information is sketchy and inconclusive. An active participant in Gordon Conferences and includes many group photographs with identification.

Detroit meeting, 1949 April 19	box 17	folder 1
<b>Scope and Contents note</b>  Typescript "of the effect of lithium on crystalline bovine serum albumin".  [Editor's note: This typescript found in folder with Goebel/Perlmann ms. published in J. Exp. Med. 89 (1949) 479-489].		
RIMR Staff Meeting, 1949 May 20	box 17	folder 2
<b>Scope and Contents note</b>  Typescript "on ovalbumin"; background information of calculations supplied by K. Linderstrøm-Lang.		
Cambridge, Mass. Harvard Medical School, Department of Physical Chemistry talk, 1949 November 14	box 17	folder 3
<b>Scope and Contents note</b>  Typescript "enzymatic modifications of ovalbumin".		
NY City 1st Macy Foundation, 1950 April 24, 25	box 17	folder 4
<b>Scope and Contents note</b>  Conference on Connective Tissues Diseases. Typescript "Enzymatically modified ovalbumins" with discussion and correspondence. Published in 1951. See #21 in bibliography.		
Copenhagen, Denmark, 18th International Physiological Congress, 1950 August	box 17	folder 5
<b>Scope and Contents note</b>  Typescript "An electrophoretic study of dephosphorylated ovalbumins". Abstract published 1950. See #20a in bibliography.		
Boston, Mass. 119th American Chemical Society Symposium, 1951 April	box 17	folder 6
<b>Scope and Contents note</b>  Typescript "A study of the phosphorus linkages in ovalbumin and plakalbumin". Abstract published 1951. See #21a in bibliography.		
NY City RIMR Staff Meeting, 1951 May 25	box 17	folder 7



## Scope and Contents note

Typescript "Dephosphorylated ovalbumin".

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Pratt Institute, Second Symposium on Phosphorus Metabolism, 1952 June 16-19	box 17	folder 8
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## Scope and Contents note

Typescript "Enzymatic dephosphorylation of phosphoproteins and the nature of the phosphorus linkages". with figures and correspondence. Published in 1952. See #28 in bibliography.

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Paris, France 2nd International Congress of Biochemistry, 1952 July 21-27	box 17	folder 9
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## Scope and Contents note

Typescript of abstract "Enzymatic dephosphorylation of phosphoproteins" with correspondence. and printed Congress information. Abstract published in 1952. See #23a in bibliography.

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Cambridge University. The Faraday Society Symposium on "The Physical Chemistry of Proteins", 1952 August 6-8	box 17	folder 10
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## Scope and Contents note

Typescript "Electrophoretic studies on enzymatically modified ovalbumin and casein" with correspondence; figures; plans of Cambridge. Published in 1953. See #30 in bibliography.

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Laconia, NH Gordon Conferences of AAAS on Proteins and Nucleic Acids, 1953 August 23-28	box 17	folder 11
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## Scope and Contents note

Group photograph of participants with photo identification.

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RU Staff Meeting presentation, 1954 October 22	box 17	folder 12
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## Scope and Contents note

Typescript "Phosphoproteins" with handwritten outline; photographs of figures.

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Gatlinburg, Tenn. Oal Ridge Nat'l Laboratories, Biology Division, 8th Annual Biology Research Conference on Enzyme and Protein Structure, 1955 April 4-6	box 17	folder 13
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## Scope and Contents note

Participates as a discussant with Fritz Lipmann in Apr. 6 Conference on Interaction of enzymes, coenzymes and substrates.

Correspondence with map of Oak Ridge and vicinity;  
Gatlinburg brochure; handwritten expenses.

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Brussels, Belgium, 3rd International Congress Biochemistry, 1955 August 1-6	box 17	folder 14
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**Scope and Contents note**

Typescripts "The phosphorus linkage in pepsin" and abstract with correspondence; general information Congress booklet. Abstract published in 1955.

See #36a in bibliography.

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Oxford University, The Faraday Society Symposium on "The Physical Chemistry of the Enzymes", 1955 August 10-12	box 17	folder 15
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**Scope and Contents note**

[Indications Perlmann attends but no evidence of presentation].

Correspondence with plans of Oxford.

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New Hampton, NH Gordon Research Conferences on Proteins and Nucleic Acids, 1957 June 30-July 5	box 17	folder 16
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**Scope and Contents note**

Perlmann presentation July 3 "Observations on pepsin".

Includes duplicated material on: general information, programs, list of participants; correspondence with group photograph of participants with photo identification.

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Paris, France, International Union of Pure and Applied Chemistry (IUPAC) Symposium on protein structure, 1957 July 25-29	box 17	folder 17
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**Scope and Contents note**

Typescript of Perlmann and Mycek paper "Modification of pepsin by autodigestion". Published in 1958 in Symposium on Protein Structure edited by Albert Neuberger. See #40 in bibliography. G.E. Perlmann not listed on program but includes typescript of contribution to discussion "Partial inactivation of pepsin by selective enzymes".

Includes programs; correspondence; photocopied symposium background material.

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South Hadley, Mass. Mount Holyoke College lecture, 1957 November 20	box 17	folder 18
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## Scope and Contents note

Typescript "Proteins" and handwritten outline of lecture with slide outline.

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Stockholm, Sweden International Congress for Microbiology, 1958 August 4-8	box 17	folder 19
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## Scope and Contents note

[Indications Perlmann attends but no evidence of presentation].

Correspondence.

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Vienna, IV International Congress of Biochemistry, Symposium VIII "Proteins", 1958 September 1-6	box 17	folder 20
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## Scope and Contents note

Typescript "Optical rotation and enzyme activity of pepsin"; with correspondence; tables; photographs taken at Symposium with negatives.

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Philadelphia, Pa. Federation meeting, 1958	box 17	folder 21
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## Scope and Contents note

[No indication Perlmann attends].

Typescript of Blumenfeld presentation "Differential ultraviolet spectra of pepsin".

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Gatlinburg, Tenn. 12th Annual Research Conference sponsored by Biology Division of the Oak Ridge Nat'l Laboratory on "Enzyme Reaction Mechanisms" [Indications Perlmann attends but no evidence of presentation], 1959 April 1-4	box 17	folder 22
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## Scope and Contents note

Correspondence; photograph taken at what appears to be evening function of Conference includes identification; booklet on general information and program.

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New Hampton, NH Gordon Research Conferences on Proteins and Nucleic Acids, 1959 June 29-July 3	box 17	folder 23
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## Scope and Contents note

Perlmann participates in July 2 session discussion on Hydration and denaturation.

Typescript of Blumenfeld presentation in same discussion "The action of unfolding agents on pepsin".

Includes general information; program; group photograph of participants with identification.

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Stockholm 1st IUB/IUBS Joint Symposium on "Biological Structure and Function", 1960 September 12-17

box 17

folder 24

**Scope and Contents note**

Typescript draft "The relation of secondary structure of pepsin to its biological activity".

Includes program; correspondence; figures; corrected galley proof.

Published in 1961. See #48 in bibliography.

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NY City RI Staff Meeting presentation, 1960

box 17

folder 25

**Scope and Contents note**

Typescript "current laboratory work on pepsin".

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St. Louis, Mo. Biophysical Society meeting, 1961

box 17

folder 26

**Scope and Contents note**

Typescripts of Perlmann and E. Katchalski "Configuration of poly-L-methionine and its derivatives in solution" and abstract.

Includes correspondence; background material. Abstract published in 1961. See #50a in bibliography.

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NY City Iota Sigma Pi, Columbian chapter annual luncheon, 1961 May 6

box 17

folder 27

**Scope and Contents note**

Correspondence indicates Perlmann guest speaker.

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Madison, Wisconsin. Poly- $\alpha$ -Amino Acid Symposium, 1961 June 19-23

box 17

folder 28

**Scope and Contents note**

[Indications are Dr. Perlmann attends but no presentation].

Includes program; correspondence.

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New Hampton, NH Gordon Research Conference on Proteins, 1961 June 26-30

box 17

folder 29

**Scope and Contents note**

[Indications Perlmann attends but no presentation].

Includes program; list of participants; correspondence;  
Konigsberg et al ms; group photograph of participants with  
identification.

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Moscow Vth International Congress of Biochemistry, 1961 August 10-16	box 17	folder 30
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**Scope and Contents note**

Typescript of abstract "Molecular structure and biochemical  
activity".

Includes correspondence; general information.

[Planned to attend but cancelled].

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London, St. Mary's Hospital Medical School Antibody Workshop, 1961 August 30-September 1	box 17	folder 31
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**Scope and Contents note**

Includes program; hotel correspondence.

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New York Academy of Science Symp. on "Antibody to Enzymes - A three-component system", 1962 September 5-7	box 17	folder 32
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**Scope and Contents note**

Typescripts of Arnon and Perlmann-paper and abstract  
"Antibodies to pepsinogen and pepsinogen modifications".

Includes correspondence; programs; Cinader reprint;  
Perlmann/Arnon work outline Published in 1963. See #54 in  
bibliography.

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NY City RI lecture "Discussion of group work", 1963 March 12	box 18	folder 1
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**Scope and Contents note**

Includes typescript and handwritten outline of discussion.

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NY City Columbia University Biophysics Graduate Student seminar Handwritten outline of seminar, 1963 March 15	box 18	folder 2
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Palo Alto, Calif. Stanford University Symposium on Quantum Aspects of Polypeptides and Polynucleotides, 1963 March 25-29	box 18	folder 3
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**Scope and Contents note**

Typescripts "Comments on correlation between  
fluorescence, optical rotation and biological activity" and  
discussion; includes correspondence; duplicated material of  
Symposia information; program; participants. Published in  
1964. See #56 in bibliography.

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[Location?] American Chemical Society Meeting, 1963 May 10	box 18	folder 4
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## Scope and Contents note

Handwritten outline of "Biochemical Discussion".

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Cold Spring Harbor Symposium on Quantitative Biology on Synthesis and Structure of Macromolecules, 1963 June 7-13	box 18	folder 5
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## Scope and Contents note

Perlmann attends June 8 morning session [No evidence of presentation] Correspondence; program.

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Meriden, NH at Kimball Union Academy. Gordon Conference on "Cell Structure and Metabolism", 1963 June 17-21	box 18	folder 6
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## Scope and Contents note

[Indications Perlmann attends but no evidence of presentation].

Correspondence; general information; program; summary of paper by J.D. Bernal; group photograph of participants with identification.

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New Hampton, NH Gordon Research Conference on Proteins, 1963 June 23-28	box 18	folder 7
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## Scope and Contents note

[Indications Perlmann attends but no evidence of presentation].

Includes general information; program; group photograph of participants with photo identification.

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London, England. Oxford meeting of Biochemical Society, 1963 July 20	box 18	folder 8
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## Scope and Contents note

Typescripts "Relation of protein conformation to biological activity" and abstract.

Includes correspondence; slide outline.

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NY City 124th Electrochemical Society meeting, 1963 October 2	box 18	folder 9
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## Scope and Contents note

Typescripts "Entropy of conformational changes in enzymes" and abstract. Abstract published in 1963. See #55b in bibliography.

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[Location, Institution?], 1963 October 9	box 18	folder 10
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## Scope and Contents note

Handwritten outline of talk on protein research -  
phosphoproteins and pepsin-pepsinogen with slide outline.

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[Location - Institution?] Rel. Prot. Conf. - Enzyme activities in pepsin-pepsinogen [from original file folder], 1963	box 18	folder 11
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## Scope and Contents note

Typescripts "of current laboratory work".

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NY City Columbia University Chemistry Dept, 1964 February 11	box 18	folder 12
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## Scope and Contents note

Graduate student seminar.

Typescript "on current laboratory work".

Includes handwritten outline.

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Brookhaven Nat'l Laboratory Symposium on subunit structure of proteins, 1964 June 1-3	box 18	folder 13
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## Scope and Contents note

[Indications Perlmann attends but no evidence of  
presentation].

Correspondence; program; visitor information; participants;  
expenses.

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NY City 6th International Congress of Biochemistry, 1964 July 26-August 1	box 18	folder 14
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## Scope and Contents note

[Indications Perlmann attends but no evidence of  
presentation].

Correspondence; duplicated material.

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Tilton, New Hampshire, Gordon Research Conference on Biopolymer-solvent interactions and the structure of liquids, 1964 August 2-7	box 18	folder 15
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## Scope and Contents note

[Indications Perlmann attends but no evidence of  
presentation].

Duplicated material includes: participants, program, general information; group photograph of participants with identification.

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Woods Hole, Mass. 19th Annual meeting of Society of General Physiologists on Molecular Architecture, 1964 September 9-12	box 18	folder 16
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**Scope and Contents note**

[Indications Perlmann attends but no evidence of presentation].

Correspondence; duplicated material of general information.

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Storrs, Conn. University of Conn, seminar Typescript "Relation of protein conformation to biological function. The pepsinogen-pepsin system", 1964 October 1	box 18	folder 17
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**Scope and Contents note**

Includes correspondence; handwritten outlines of presentation and slides.

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RU student seminar, 1964 December 16	box 18	folder 18
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**Scope and Contents note**

Typescript "on current laboratory work".

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San Francisco, 9th Biophysical Society meeting, 1965 February 26	box 18	folder 19
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**Scope and Contents note**

Typescript "Medium and temperature effects on the titration of the basic amino acid residues of pepsinogen.

Includes photocopied figures.

Abstract published in 1965. See #58b in bibliography.

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[Month? Location?] American Society of Biological Chemists meeting, 1965	box 18	folder 20
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**Scope and Contents note**

Typescripts Koehn, Oestreicher and Perlmann paper and abstract "Structural studies on pepsinogen".

Abstract published in 1965. See #58a in bibliography.

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1965 Mar. 19 NY City New York Academy of Science, Iota Sigma Pi meeting	box 18	folder 21
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**Scope and Contents note**

Typescript "Studies on protein structure".



Includes handwritten outline.

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New Hampton, NH Gordon Research Conference on Proteins, 1965 June 28-July 2	box 18	folder 22
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**Scope and Contents note**

[Indications Perlmann attends but no evidence of presentation].

Correspondence; duplicated material includes: program, list of participants; other duplicated material on equipment and nomenclature; Perlmann handwritten notes; group photograph of participants with identification.

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Woods Hole, Mass. [No further information], 1965 August	box 18	folder 23
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**Scope and Contents note**

Typescript "Optical rotatory properties of the phosphoprotein phosvitin".

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Atlantic City, N.J. 150th ACS meeting (American Chemical Society) Garvan medal symposium, 1965 September 14	box 18	folder 24
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**Scope and Contents note**

Typescript of abstract "Anatomy of a protein molecule; includes correspondence. [Garvan award lecture typescript "Anatomy of a protein molecule" see under: Biographical material - Garvan Award in Box no. 1].

Abstract published in 1965. See #58c in bibliography.

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Boston, Mass. 10th Biophysical Society Meeting, 1966 February 25	box 18	folder 25
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**Scope and Contents note**

Typescript of Perlmann and Allerton paper and abstract "Optical rotatory dispersion of phosvitin".

Includes photographs of tables and figures possibly used for slides.

Abstract published in 1966. See #62a in bibliography.

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Atlantic City, N.J. Annual meeting of the American Society of Biological Chemists, 1966 April 15	box 18	folder 26
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**Scope and Contents note**

Typescript of Gournaris and Perlmann paper "Succinylation of pepsinogen".

Includes correspondence; photocopy of abstract.

Abstract published in 1966. See #62b in bibliography.

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Providence, R.I. Brown University seminar, 1966 May 6	box 18	folder 27
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**Scope and Contents note**

Typescript "Pepsin-pepsinogen current laboratory work".

Includes handwritten slide outline.

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New Hampton, NH Gordon Research Conference on Proteins, 1966 June 27-July 1	box 18	folder 28
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**Scope and Contents note**

[Indications Perlmann attends but no evidence of presentation].

Correspondence; duplicated material includes: program, participants, transportation information; Science reprint on Conferences; group photograph of participants with identification.

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Tilton, NH Gordon Research Conference on Physics and Physical Chemistry of Biopolymers, 1966 August 1-5	box 18	folder 29
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**Scope and Contents note**

[Indications Perlmann attends but no evidence of presentation].

Correspondence; costs; duplicated material includes: participants, travel instruction, program; group photograph of participants with identification.

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Vienna 2nd International Biophysics Congress, 1966 September 5-9	box 18	folder 30
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**Scope and Contents note**

Typescripts of Perlmann, Oplatka and Katchalski, A. paper and abstract "Conformation changes of pepsinogen derived from potentiometric studies".

Includes correspondence; printed material on general information; duplicated material on Congress time table and program. Correspondence indicates Dr. Perlmann acts as Chairman of session "Proteolytic and other enzymes".

Abstract published in 1966. See #62d in bibliography.

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NY City 152nd meeting of the American Chemical Society, 1966 September 12	box 18	folder 31
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## Scope and Contents note

Typescript of Ong and Perlmann abstract "Specificity of insoluble trypsin" Abstract published in 1966. See #62c in bibliography.

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NY City RU student seminar, 1966 November 16	box 18	folder 32
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## Scope and Contents note

Typescript of report on current laboratory work.

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Madras, India International Symposium on "Conformation of biopolymers", 1967 January 19-21	box 18	folder 33
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## Scope and Contents note

Typescript "Conformational patterns and their relation to biological activity".

[Perlmann cancelled due to lack of travel funds].

Includes correspondence; program; participants; visa application for India.

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Israel lecture Typescript "pepsin-pepsinogen", 1967 April	box 18	folder 34
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Chicago, Ill. FASEB meeting, 1967 April 16-21	box 18	folder 35
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## Scope and Contents note

Typescripts of Rimon and Perlmann paper and abstract "Carbamylation of pepsinogen" [probably presented by S. Rimon].

Includes typescript Eng Bee Ong abstract "Inactivation of pepsin by a diazomethyl ketone of N-benzylorycarbonyl-l-phenylalanine" with working draft of abstract. Indicates Dr. Ong attends meeting.

Abstract published in 1967. See #68a in bibliography.

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Waltham, Mass. Brandeis University lecture, 1967 June	box 18	folder 36
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## Scope and Contents note

Typescript on pepsin-pepsinogen work.

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Tokyo, 7th International Congress of Biochemistry, 1967 August 19-25	box 18	folder 37
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## Scope and Contents note

Typescripts of paper and abstract "Structural studies on pepsinogen and pepsin".

Includes correspondence. Published in 1967. See #63a in bibliography. Also abstract typescript "Optical rotatory

properties of succinyl-pepsinogen" not presented but published with abstracts of 7th International Congress of Biochemistry. Not listed in bibliography.

Milwaukee, Wis. [Institution?] Typescript of current laboratory work, 1968 January	box 19	folder 1
NY City RU seminar, 1968 March 1	box 19	folder 2
<b>Scope and Contents note</b>  Typescript "Studies on the structure and function of pepsinogen and pepsin" with slide outline and information sheet to RU Calendar of Events.		
Atlantic City, N.J. FASEB 52nd meeting, 1968 April 15-20	box 19	folder 3
<b>Scope and Contents note</b>  Typescript of Ong and Perlmann abstract "The amino terminal sequence of porcine pepsinogen".  Includes printed informational material relating to meeting [Attendance not clear].  Abstract published in 1968. See #71a in bibliography.		
New Hampton, NH Gordon Research Conference on Proteins, 1968 June 24-28	box 19	folder 4
<b>Scope and Contents note</b>  [Indications Perlmann attends but no evidence of presentation].  Correspondence; duplicated material includes: program, participants, regulations and general information; Perlmann handwritten notes; group photograph of participants with identification.		
Tilton, NH Gordon Research Conference on Physics and Physical Chemistry of Biopolymers, 1968 August 26-30	box 19	folder 5
<b>Scope and Contents note</b>  [Indications Perlmann attends but no evidence of presentation].  Correspondence; duplicated material includes: travel instructions, regulations and general information.		
Copenhagen, Denmark, Alfred Benzon Biochemical Symposium on "The Role of Nucleotides for the Function and Conformation of Enzymes", 1968 September 9-11	box 19	folder 6

## Scope and Contents note

[Indications Perlmann attends but no evidence of presentation].

Correspondence; program; list of participants.

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Baltimore, Md. [Institution?] seminar, 1968 November 26	box 19	folder 7
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## Scope and Contents note

Typescript "pepsin-pepsinogen laboratory work" with slide outline.

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[Month, Day?] Holyoke, Mass. Mt. Holyoke seminar, 1968	box 19	folder 8
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## Scope and Contents note

Typescript "current laboratory work" with slide outline.

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Seattle, Washington seminar, 1969 February 24	box 19	folder 9
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## Scope and Contents note

Typescript "on current laboratory work" with slide outline.

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La Jolla, Calif. Biophysical Society meeting, 1969 March 3	box 19	folder 10
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## Scope and Contents note

Typescript "on current laboratory work"; handwritten outline of presentation; slide outline.

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NY City New York Medical College seminar, 1969 April 2	box 19	folder 11
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## Scope and Contents note

1 item correspondence indicates Perlmann gives presentation.

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Copenhagen, Denmark, International Symposium on structure-function relationships of proteolytic enzymes, 1969 June 16-18	box 19	folder 12
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## Scope and Contents note

Includes correspondence; program and symposium information. Typescripts of presentation and abstract (published abstracts of Symposium included) "Pepsinogen-pepsin" with slide outline; photocopied typescript of published paper "Porcine pepsinogen and pepsin".

Published in 1970. See #73 in bibliography.

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NY City 158 meeting of the American Chemical Society. Second Symposium on "Ordered Fluids and Liquid Crystals", 1969 September 10-12	box 19	folder 13
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## Scope and Contents note

Includes correspondence; Symposium program.

Typescripts of presentation and abstract "Phosvitin, a phosphoprotein with polyelectrolyte characteristics"; typescript of Perlmann and Grizzuti paper "same title".

Published in 1970. See #74 in bibliography.

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Atlantic City, N.J. FASEB Annual Meeting, 1970 April 12-17	box 19	folder 14
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## Scope and Contents note

Nakagawa and Perlmann "Reduction and reoxidation of pepsinogen and pepsin".

Abstract published in 1970. See #76a in bibliography.

Includes correspondence; typescript drafts; slide outline; summary of presentations; photographs of figures and tables.

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Copenhagen, Denmark lecture, 1970 August	box 19	folder 15
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## Scope and Contents note

Typescript "Phosvitin, a phosphoprotein from hens' egg yolk" with slide outline.

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Interlaken, Switzerland, 8th International Congress of Biochemistry, 1970 September 3-9	box 19	folder 16
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## Scope and Contents note

Typescripts of presentation and abstracts "Effect of substrate binding on the conformation of porcine pepsin" with slide outline, handwritten figure and table.

Includes correspondence; programs.

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Boston University School of Medicine, Department of Biochemistry seminar, 1971 January 28	box 19	folder 17
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## Scope and Contents note

Typescripts "Phosvitin, a phosphoprotein from hens' egg yolk. Chemical conformational and biological properties" with slide outline.

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San Francisco, Calif. Federation meeting of American Society of Biological Chemists, 1971 June 14-18	box 19	folder 18
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## Scope and Contents note

[Perlmann section chairman - Section Proteins, Structure].

Typescript of Wong, Nakagawa and Perlmann abstract  
"Gossypol reaction sites of pepsinogen".

Abstract published in 1971. See //81a in bibliography.

Includes also typescripts of R. Shainkin abstract and  
presentation; R. Wong presentation; correspondence.

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Meriden, NH Gordon Research Conferences on Proteins, 1971 July 19-23	box 19	folder 19
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### Scope and Contents note

[Indications Perlmann attends but no evidence of  
presentation].

Correspondence; program; participants; travel information;  
photocopy of Klotz and Darnall published ms; group  
photograph of participants with identification.

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Santa Barbara, Calif. 1st Gordon Conference on the Chemistry and Physics of Liquid Crystals, 1972 January 17-22	box 19	folder 20
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### Scope and Contents note

Typescript "Optical properties of phosvitin and phosvitin-  
polyamine complexes".

Includes correspondence; duplicated material includes:  
program, participants, general information folder; slide  
outline.

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London, Ciba Foundation Symposium on Polymerization Reactions in Biological Systems, 1972 March 14-16	box 19	folder 21
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### Scope and Contents note

Perlmann participant in Discussion.

Includes typescript of part of discussion; printed symposium  
program and synopses of papers; duplicated material  
concerning Symposium.

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Atlantic City, N.J. FASEB Annual Meeting, 1972 April 9-14	box 19	folder 22
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### Scope and Contents note

Typescript of Finlay and Perlmann paper "Mechanism of  
the gossypol inactivation of pepsinogen"; also photocopy of  
abstract.

Abstract published in 1972. See #84a in bibliography.

Includes correspondence; printed material on meeting. [Dr. Perlmann plans to attend but cancels].

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Plymouth, NH Gordon Research Conferences on Chemistry and Physics of Biopolymers, 1972 July 3-7	box 19	folder 23
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**Scope and Contents note**

Correspondence; printed material on conference [Dr. Perlmann plans to attend - cancels due to fractured leg].

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Chicago, Ill. 13th Nat'l meeting of APhA, ' . Academy of Pharmaceutical Sciences Symposium on Liquid Crystals, 1972 November 5-9	box 19	folder 24
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**Scope and Contents note**

[Perlmann invited to present but correspondence. indicates declines, no evidence of attendance].

Correspondence; duplicated material on Symposium.

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3 lectures [no other information], 1972	box 19	folder 25
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**Scope and Contents note**

Includes typescripts of Perlmann presentations with slide outlines on pepsin-pepsinogen and phosvitin work.

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Sanibel Island, Fla. International Research Workshop and International Symposium on Atomic Molecular and Solid State Theory and Quantum Biology, 1973 January 14-27	box 20	folder 1
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**Scope and Contents note**

[Perlmann invited to attend as a special participant but declines].

Correspondence; duplicated material on Workshop and Symposium.

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Tucson, Arizona, University of Arizona, The Graduate Program in Biochemistry seminar, 1973 March 9	box 20	folder 2
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**Scope and Contents note**

Correspondence indicates Perlmann presentation "Phosvitin, a phosphoglycoprotein. Chemistry, conformation and biological function".

Typescript "Phosvitin, a phosphoglycoprotein from hen's egg yolk" with slide outline, photographs of figure and table.

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Albuquerque, N.M. University of New Mexico, Department of Biochemistry, School of Medicine seminar, 1973 March 14	box 20	folder 3
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## Scope and Contents note

Correspondence indicates Perlmann presentation "Phosvitin, a phosphoglycoprotein. Chemistry, conformation and biological function".

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Atlantic City, N.J. FASEB Meeting, 1973 April

box 20

folder 4

## Scope and Contents note

Proteins: Conformations II session.

Typescript (Photocopy) of Finlay, Dharmgrongartama and Perlmann abstract.

Abstract published in 1973. See #89a in bibliography,.

Includes program of Apr. 17 session with list of speakers and presentations with photocopies of their abstracts.

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Austin, Texas University of Texas seminar Title of presentation not known, 1973 May 6

box 20

folder 5

## Scope and Contents note

Correspondence indicates Dr. Perlmann visits College Station, Texas, Texas A & M Univ. after Univ. of Texas seminar.

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Birmingham, Alabama, University of Alabama, Institute of Dental Research seminar Perlmann presentation "Phosphoproteins", 1973 May 23

box 20

folder 6

## Scope and Contents note

Includes correspondence; seminar announcement; 4 Perlmann reprints.

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Stockholm, Sweden, 9th International Congress of Biochemistry, 1973 July 1-7

box 20

folder 7

## Scope and Contents note

Typescript of abstract "Conformational transition of the phosphoglycoprotein phosvitin".

Abstract published in 1973. See #89b in bibliography.

Includes correspondence; printed material concerning Congress.

---

Chicago, Ill. 3rd American Chemical Society Symposium on Ordered Fluids and Liquid Crystals, 1974 August 26-31

box 20

folder 8

## Scope and Contents note

Typescripts of Grizzuti and Perlmann paper and abstract "The binding of divalent ions to the phosphoglycoprotein phosvitin".

Abstract published in 1973. See #90 in bibliography.

Includes correspondence; photographs of slides and working copy of paper; program; printed abstract instructions.

[Correspondence indicates Dr. Perlmann attends Women Chemists luncheon on Aug. 27].

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Santa Barbara, Calif. 2nd Gordon Research Conference on The Chemistry and Physics of Liquid Crystals, 1974 January 14-18

box 20

folder 9

## Scope and Contents note

Typescript "Relation of the binding of divalent ions to optical and hydrodynamic properties of phosvitin".

Includes correspondence; duplicated material on general information, program, participants, travel information; group photograph of participants with identification.

---

Nutley, N.J. Roche Institute of Molecular Biology seminar, 1974 March 28

box 20

folder 10

## Scope and Contents note

Typescript "Phosvitin, chemistry, conformation and biological properties" with slide outline.

Includes correspondence.

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Jamaica, NY St. John's University seminar Typescript "Relation of the binding of divalent ions to optical and hydrodynamic properties of phosvitin", 1974 March 29

box 20

folder 11

## Scope and Contents note

Includes correspondence.

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Rehovath and Kibbutz Ayelet Hashachar, Galilee, Israel 2nd International Symposium on Polyamino acids, polypeptides and proteins and their biological implications, 1974 May 2-7

box 20

folder 12

## Scope and Contents note

Correspondence [Perlmann attends but no indication of presentation].

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Minneapolis, Minn. American Society of Biological Chemists/ Biophysical Society joint meeting, Biochemistry/Biophysics meeting, 1974 June 2-7

box 20

folder 13

## Scope and Contents note

Perlmann - Chairman of Section Protein Structure I [Dr. Perlmann cancels due to ill health].

Typescript of Marchaim, Altschul and Perlmann abstract "Characterization of a phosphorus-containing protein from methyl-cholanthrene-induced ascites tumor cells.

Abstract published in 1974. See #90a in bibliography.

Includes typescripts of all other abstracts of session on Protein Structure I. correspondence. includes workings as session chairman; duplicated material includes: instructions to chairmen, slide preparation and presentation.

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Stockholm, Sweden 5th International Liquid Crystals Conference, 1974 June 17-20	box 20	folder 14
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## Scope and Contents note

[No indication of Perlmann attendance].

Includes part handwritten, part typescript of a possible Perlmann paper.

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Atlantic City, N.J. 168th American Chemical Society Symposium on phosphoprotein structure, 1974 September 9-13	box 20	folder 15
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## Scope and Contents note

Photocopied typescript "Conformational studies on the phosphoglycoprotein phosvitin" of abstract.

Abstract published in 1974. See #90b in bibliography.

Includes correspondence.

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"Ueber santal pterocarpin und homopterocarpin, die farblosen begleiter des santalins. [No. 1 in bibliography same title (II Mitteil)]	package 3
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Manuscript materials

## Scope and Contents note

Include Annual Scientific reports; working papers and laboratory notes. Publication information where possible.

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Annual Scientific Reports, 1948-1974	box 21	folder 1
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## Scope and Contents note

Lacks 1962/1967. Up to 1954/1955 Dr. Longworth submitted final annual reports on G.E. Perlmann work. Beginning with 1955/1956 G.E. Perlmann submitted

her own annual reports. Beginning with 1955/1956 G.E.  
Perlmann submitted her own annual reports.

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1948-1949

**Scope and Contents**

Submitted by Dr. Longworth

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1949-1950

**Scope and Contents**

Submitted by Dr. Longworth concerning Perlmann work

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1950-1951

**Scope and Contents note**

Includes outline; final report.

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1951-1952

1952-1953

**Scope and Contents note**

Includes various typescripts; final report submitted by Dr.  
Longworth concerning Perlmann work.

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1953-1954

**Scope and Contents note**

Includes typescript and handwritten reports. Submitted by  
Dr. Longworth concerning Perlmann work.

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1954-1955

**Scope and Contents note**

Includes typescripts; laboratory notes. Final report  
submitted by Dr. Longworth concerning Perlmann work.

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1955-1956

1957-1958

1958-1959

1959-1960

1960-1961

1961-1962

**Scope and Contents note**

Includes handwritten draft describing S.E. Allerton work.

1962-1967

**Scope and Contents note**

(lacking).

1968-1969

1969-1970

1971-1972

1972-1973

1973-1974

**Scope and Contents note**

Includes working material; catalog laboratory work description.

H. Raudnitz and G.E. Perlmann, 1935

box 21

folder 2

**Scope and Contents note**

Ueber santal, pterocarpin und homopterocarpin, die farblosen bergleiter des santalins (II Mitteil.) Berichte der deutschen chemischen gesellschaft 1862-1866.

Typescript drafts with corrections.

Fritz Lipmann, undated

box 21

folder 3

**Scope and Contents note**

Metabolic generation and utilisation of phosphate bond energy. (Review of energy-rich phosphate bonds) npi (no publication information).

Typescript draft with figures.

G.E. Perlmann, 1942

box 21

folder 4

**Scope and Contents note**

A crystalline protein from kidney cortex. (Ms sent to R.M. Ferry).

npi (no publication information).

Typescript draft.

G.E. Perlmann, 1943

box 21

folder 5

**Scope and Contents note**

Shock experiments elec. data MGH [Massachusetts General Hospital] J. Aub [Description from file folder].

npi (no publication information).

Typescript and handwritten tables; typescript summary;  
figure in duplicate.

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L.G. Longworth, 1945

box 21

folder 6

**Scope and Contents note**

Typescript communication dated 1945 Mar 26  
to G.E. Perlmann on "moving boundary theory -  
proteins" [Description from file folder].

npi (no publication information).

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G.E. Perlmann, 1945

box 21

folder 7

**Scope and Contents note**

Ionic strength experiments  $\beta$ -lactoglobulin [Description  
from file folder].

npi (no publication information).

[See related paper by Perlmann and Kaufman #10 in  
bibliography].

Typescript drafts; figures; 1945, 1947 laboratory notes;  
working materials; copy 1945 Mar 26.

Longworth/Perlmann communication.

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G.E. Perlmann and D. Kaufman, 1945

box 21

folder 8

**Scope and Contents note**

The effect of ionic strength and protein concentration in the  
electrophoretic analysis of human plasma.

J Am Chem Soc 67, 638-641.

Figures only.

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G.E. Perlmann and D. Kaufman, 1946

box 21

folder 9

**Scope and Contents note**

Electrophoretic distribution of proteins in serum, plasma and  
synovial fluid of patients with rheumatoid arthritis.

J Clin Inv 25, 931.

Typescript drafts.

---

G.E. Perlmann, 1948

box 21

folder 10

## Scope and Contents note

Electrophoretic behaviour of modified ovalbumins.

Nature 161, 720.

Correspondence; typescript draft; figures.

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G.E. Perlmann and L.G. Longsworth, 1948

box 21

folder 11

## Scope and Contents note

The specific refractive increment of some purified proteins.

J Am Chem Soc 70, 2719-2724.

Typescript draft; figures; working figures.

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G.E. Perlmann, 1949

box 21

folder 12

## Scope and Contents note

The electrophoretic properties of plakalbumin.

J Am Chem Soc 71, 1146-1149.

Correspondence; typescript draft; figures; working table.

---

G.E. Perlmann and D. Kaufman, 1949

box 21

folder 13

## Scope and Contents note

The effect of acetic acid on the stability of serum proteins.

J Biol Chem 179, 133-137.

Correspondence; typescript draft; figures; working materials.

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W.F. Goebel and G.E. Perlmann, 1949

box 21

folder 14

## Scope and Contents note

The effect of lithium periodate on crystalline bovine serum albumin.

J Exp Med 89, 479-489.

Typescript draft; figures.

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M.W. Ropes, D. Kaufman and G.E. Perlmann, 1949

box 21

folder 15

## Scope and Contents note

Variations in the electrophoretic pattern of synovial fluid in articular disease.

J Clin Inv 28, 807.

Typescript drafts.

---

G.E. Perlmann, 1949

box 21

folder 16

**Scope and Contents note**

Phosphorus content of ovalbumin and of some products of its enzymatic degradation.

Nature 164, 961.

Correspondence; typescript draft.

---

G.E. Perlmann, 1950

box 21

folder 17

**Scope and Contents note**

Enzymatic dephosphorylation of ovalbumin and plakalbumin.

Nature 166, 870.

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G.E. Perlmann, I. Tamm and F.L. Horsfall, 1952

box 21

folder 18

**Scope and Contents note**

An electrophoretic examination of a urinary mucoprotein which reacts with various viruses.

J Exp Med 95, 99-104.

Correspondence; typescript draft; figures;.

Tamm and Horsfall published paper.

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G.E. Perlmann, 1952

box 21

folder 19

**Scope and Contents note**

Enzymatic dephosphorylation of ovalbumin and plakalbumin.

JGP 35, 711-726.

Correspondence; typescript draft; figures.

---

G.E. Perlmann, 1952

box 21

folder 20

**Scope and Contents note**

Alkali denaturation of ovalbumin.

npi (no publication information).



Correspondence; typescript draft; laboratory notes;  
published papers by others.

---

G.E. Perlmann, 1952

box 21

folder 21

**Scope and Contents note**

Enzymatic dephosphorylation of casein.

J Am Chem Soc 74, 3191.

Correspondence; referees reports; typescript draft.

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R.C. Lancefield and G.E. Perlmann, 1952

box 21

folder 22

**Scope and Contents note**

Preparation and properties of type-specific M antigen  
isolated from a group A type 1 hemolytic streptococcus.

J Exp Med 96, 71-82.

Figures only.

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R.C. Lancefield and G.E. Perlmann, 1952

box 21

folder 23

**Scope and Contents note**

Preparation and properties of a protein (R antigen)  
occurring in streptococci of group A type 28 and in certain  
streptococci of other serological groups.

J Exp Med 96, 83-97.

Figures only.

---

G.E. Perlmann, 1952

box 22

folder 1

**Scope and Contents note**

The phosphorus in pepsin and pepsinogen.

J Am Chem Soc 74, 6308.

Correspondence; typescript draft.

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M.W. Ropes, G.E. Perlmann, D. Kaufman and W. Bauer, 1954

box 22

folder 2

**Scope and Contents note**

The Electrophoretic distribution of proteins in plasma in  
rheumatoid arthritis.

J Clin Inv 33, 311-318.

Typescript draft; figures.

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G.E. Perlmann, M.W. Ropes, D. Kaufman and W. Bauer, 1954	box 22	folder 3
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**Scope and Contents note**

The electrophoretic patterns of proteins in synovial fluid and serum in rheumatoid arthritis.

J Clin Inv 33, 319-325.

Typescript draft; figures.

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G.E. Perlmann, 1954	box 22	folder 4
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**Scope and Contents note**

Formation of enzymatically active dialyzable fragments during autodigestion of pepsin.

Nature 173, 406.

Correspondence; typescript drafts.

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G.E. Perlmann, 1954	box 22	folder 5
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**Scope and Contents note**

Phosphodiester linkages in proteins.

B & B Acta 13, 452-453.

Correspondence; typescript draft.

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Jytte Muus, 1954	box 22	folder 6
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**Scope and Contents note**

The amino acid composition of human salivary gland.

J Am Chem Soc [Publication information from file folder].

Typescript draft.

[This work carried out in G.E. Perlmann laboratory].

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G.E. Perlmann, 1954	box 22	folder 7
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**Scope and Contents note**

The phosphorus linkages in casein.

Nature 174, 273.

Correspondence; typescript draft.

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J.L. Oncley, 1955

**Scope and Contents note**

box 22

folder 8

Preliminary experiments on phosphorus linkages in #-lipoprotein. [Description from file folder].

npi (no publication information).

Handwritten laboratory notes.

---

G.E. Perlmann, 1955

box 22

folder 9

**Scope and Contents note**

The nature of phosphorus linkages in phosphoproteins.

Advances in Protein Chemistry 10, 1-30.

Correspondence; galley proof with corrections; typescript draft with corrections; figures.

---

G.E. Perlmann, 1956

box 22

folder 10

**Scope and Contents note**

Observations on the effect of urea on crystalline pepsin.

Arch Biochem Biophys 65, 210-217.

Correspondence; typescript draft; figures.

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G.E. Perlmann, 1958

box 22

folder 11

**Scope and Contents note**

Enzymic dephosphorylation of pepsin and pepsinogen,.

JGP 41, 441-450.

Correspondence; typescript draft; figures.

---

G.E. Perlmann, 1958

box 22

folder 12

**Scope and Contents note**

The effect of alkali on the ultraviolet absorption of ovalbumin.

Bull Soc Chim Biol 40, 2119-2123.

Correspondence; galley proof; typescript drafts; figures.

---

G.E. Perlmann, 1958

box 22

folder 13

## Scope and Contents note

Article on "Fritz A. Lipmann. ".

Encyclopedia Britannica.

Correspondence; typescript draft with corrections; workine material.

[Not included in bibliography].

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O.O. Blumenfeld and G.E. Perlmann, 1959

box 22

folder 14

## Scope and Contents note

The amino acid composition of crystalline pepsin.

JGP 42, 553-561.

Correspondence; galley proof with corrections; typescript draft; figures.

---

O.O. Blumenfeld and G.E. Perlmann, 1959

box 22

folder 15

## Scope and Contents note

Ultraviolet difference spectra of pepsin.

JGP 42, 563-570.

Correspondence; galley proof; typescript draft; figures.

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G.E. Perlmann, 1959

box 22

folder 16

## Scope and Contents note

Effect of solvents and of temperature on the optical rotatory properties of pepsin.

PNAS 45, 915-922.

Correspondence; galley proof with corrections; typescript drafts.

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O.O. Blumenfeld, J. Leonis and G.E. Perlmann, 1960

box 22

folder 17

## Scope and Contents note

The effect of guanidine hydrochloride on crystalline pepsin.

J Biol Chem 25, 379-382.

Correspondence; galley proof. with corrections; typescript draft; figures; working material.

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G.E. Perlmann and R. Diring, 1960

box 22

folder 18

## Scope and Contents note

The structure of proteins.

Ann Rev Biochem 29, 151-182.

Correspondence; typescript draft; figure.

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O.O. Blumenfeld and G.E. Perlmann, 1961

box 22

folder 19

## Scope and Contents note

The disulfide linkages of crystalline pepsin.

J Biol Chem 236, 2472-2476.

Correspondence; galley proof with corrections; typescript draft with corrections; figures.

---

G.E. Perlmann and W.F. Harrington, 1961

box 22

folder 20

## Scope and Contents note

Dependence of the optical rotatory properties of pepsinogen on solvent and temperature.

B & B Acta 54, 606-608.

Correspondence; typescript draft; figures.

---

G.E. Perlmann and E. Katchalski, 1962

box 22

folder 21

## Scope and Contents note

Conformation of poly-l-methionine and some of its derivatives in solution.

J Am Chem Soc 84, 452-457.

Correspondence includes Blout (referee) comments on ms; typescript drafts; figures; working material.

---

G.E. Perlmann, 1962

box 22

folder 22

## Scope and Contents note

Book review of "Medical and Biological Research in Israel" edited by M. Prywes.

Arch Biochem Biophys 98, 532.

Correspondence; galley proof; typescript draft.

---

R. Arnon and G.E. Perlmann, 1963

box 23

folder 1

## Scope and Contents note

The amino acid composition of chromatographically purified pepsinogen.

J Biol Chem 238, 653-656.

Correspondence; galley proof with corrections; typescript draft;.

reprint of Blumenfeld/Perlmann earlier published paper.

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R. Arnon and G.E. Perlmann, 1963

box 23

folder 2

## Scope and Contents note

Relation of immunological and enzymic properties to structural modifications of pepsinogen.

J Biol Chem 238, 963-968.

Correspondence includes 2 referees comments on ms; galley proof; typescript draft; figures.

---

G.E. Perlmann, 1963

box 23

folder 3

## Scope and Contents note

The optical rotatory properties of pepsinogen.

J Mol Biol 6, 452-464.

Correspondence includes 2 referees comments on ms; typescript draft with corrections; figures; working material.

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G.E. Perlmann, 1964

box 23

folder 4

## Scope and Contents note

Phenolic hydroxyl ionization in pepsinogen.

J Biol Chem 239, 3762-3766.

Correspondence; typescript draft with corrections; galley proof with corrections; working material.

---

S.E. Allerton and G.E. Perlmann, 1965

box 23

folder 5

## Scope and Contents note

Chemical characterization of the phosphoprotein phosvitin.

J Biol Chem 240, 3892-3898.

Correspondence includes S. Moore comments on ms;  
typescript drafts with corrections; galley proof with  
corrections; working material.

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P.V. Koehn, A.B. Oestreicher and G.E. Perlmann, 1966[?]	box 23	folder 6
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**Scope and Contents note**

Structural studies on pepsinogen and pepsin.

The amino acid sequences of tryptic peptide from  
pepsinogen.

npi (no publication information).

Typescript draft; Perham and Jones; Dopheide, Moore and  
Stein typescript mss.

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G.E. Perlmann, 1966	box 23	folder 7
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**Scope and Contents note**

Acetylation of pepsin and pepsinogen.

J Biol Chem 241, 153-157.

Correspondence; typescript draft; figures; printer's proof.

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G.E. Perlmann and S.E. Allerton, 1966	box 23	folder 8
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**Scope and Contents note**

Optical rotatory dispersion of phosvitin.

Nature 211, 1089-1090.

Correspondence includes referees comments on ms;  
typescript drafts; figure; galley proof with corrections.

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E.B. Ong, Y. Tsang and G.E. Perlmann, 1966	box 23	folder 9
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**Scope and Contents note**

The action of water-insoluble trypsin derivatives on  
pepsinogen.

J Biol Chem 241, 5661-5666.

Correspondence; typescript draft with corrections; figures;  
galley proof.

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G.E. Perlmann, 1966	box 23	folder 10
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**Scope and Contents note**

On protein structure.

In: N.O. Kaplan and E.P. Kennedy eds.

Current Aspects of Biochemical Energetics.

New York, Academic Press pp. 265-272.

(F. Lipmann Dedicatory volume).

Correspondence; typescript draft; figures; galley proof; F. Lipmann photographs with unidentified others.

---

S.N. Timasheff, R. Townend and G.E. Perlmann, 1967

box 23

folder 11

**Scope and Contents note**

The circular dichroism of phosvitin.

J Biol Chem 242, 2290-2292.

Correspondence; typescript draft; working ms with corrections.

---

G.E. Perlmann, 1967

box 23

folder 12

**Scope and Contents note**

Optical rotatory properties of succinylpepsinogen. [Abstract]  
International Congress Biochem, 7th, Tokyo, 1967.

Abstracts. A-48, p. 590 Typescript draft of abstract.

[Not listed in Perlmann bibliography].

---

G.E. Perlmann, 1967

box 23

folder 13

**Scope and Contents note**

Conformation of pepsin and pepsinogen.

In: Ordered Fluids and Liquid Crystals.

1st, Atlantic City, 1965: Washington, D.C. American  
Chemical Society, 1967 pp. 268-281 (Advances in  
Chemistry series 63).

Correspondence includes referees comments on ms.;  
typescript draft; figures.

---

A.D. Gounaris and G.E. Perlmann, 1967

box 23

folder 14

**Scope and Contents note**

Succinylation of pepsinogen.

J Biol Chem 242, 2739-2745.



Correspondence; galley proof; typescript draft with working materials; figures.

---

A.B. Oestreicher and G.E. Perlmann, 1967

box 24

folder 1

**Scope and Contents note**

Structural studies on pepsinogen and pepsin, Tryptic digests of pepsinogen and pepsin.

B and B Acta 140, 319-328.

Correspondence; typescript draft with working materials.

---

E.B. Ong and G.E. Perlmann, 1967

box 24

folder 2

**Scope and Contents note**

Specific inactivation of pepsin by benzyloxy-carbonyl-L-phenylalanyldiazomethane.

Nature 215, 1492-1494.

Correspondence; typescript drafts; figures.

---

G.E. Perlmann, A. Oplatka and A. Katchalsky, 1967

box 24

folder 3

**Scope and Contents note**

Potentiometric titration and conformational change in pepsinogen.

J Biol Chem 242, 5163-5167.

Correspondence includes referees comments on ms; typescript drafts with corrections; figures; working material.

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S. Rimon and G.E. Perlmann, 1968

box 24

folder 4

**Scope and Contents note**

Carbamylation of pepsinogen and pepsin.

J Biol Chem 243, 3566-3572.

Correspondence; corrected galley proof; typescript draft with corrections; figures; working material.

---

P.V. Koehn and G.E. Perlmann, 1968

box 24

folder 5

**Scope and Contents note**

The amino acid sequences of tryptic peptides from porcine pepsinogen.

J Biol Chem 243, 6099-6103.

Correspondence includes items on Ong/Perlmann ms #71 in bibliography; corrected galley proof; typescript draft with corrections; figures.

Includes typescript of P.V. Koehn ms. with correspondence. and corrections by G.E. Perlmann and S. Moore.

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E.B. One and G.E. Perlmann, 1968

box 24

folder 6

**Scope and Contents note**

The amino-terminal sequence of porcine pepsinogen.

J Biol Chem 243, 6104-6109.

[Correspondence on this ms. included with Koehn/Perlmann folder #70 in bibliography].

Corrected galley proof, typescript drafts with corrections; figures.

---

G.E. Perlmann, 1968

box 24

folder 7

**Scope and Contents note**

Articles on: Albumin; Glutelin; Peptide; Prolamine; Protein; Protein fibrous; Protein globular.

In: McGraw-Hill Encyclopedia of Science and Technology.

Correspondence; photocopied drafts for all subjects.

[Not listed in Perlmann bibliography].

---

K. Grizzutti and G.E. Perlmann, 1969

box 24

folder 8

**Scope and Contents note**

Optical rotatory dispersion and circular dichroism of pepsinogen, carbamylpepsinogen and succinylpepsinogen.

J Biol Chem 244, 1764-1771.

Correspondence includes referee comments corrected galley proof; typescript draft with corrections; figures.

---

K. Grizzuti and G.E. Perlmann, 1970

box 24

folder 9

**Scope and Contents note**

Conformation of the phosphoprotein phosvitin.

J Biol Chem 245, 2573-2578.

Correspondence; corrected galley proof; typescript drafts with corrections; figures.

---

Y. Nakagawa and G.E. Perlmann, 1970

box 24

folder 10

**Scope and Contents note**

Reduction and reoxidation of pepsinogen and pepsin.

Arch Biochem Biophys 140, 464-473.

Correspondence includes reviewer's comments; typescript draft; figures; working material.

---

G.E. Perlmann and K. Grizzuti, 1971

box 25

folder 1

**Scope and Contents note**

Conformational transition of the phosphoprotein phosvitin. Random conformation # #structure.

Biochemistry 10, 258-264.

Correspondence includes reviewers comments; corrected galley proof; typescript draft; figures; working material.

---

R. Shainkin and G.E. Perlmann, 1971

box 25

folder 2

**Scope and Contents note**

Phosvitin, a phosphoglycoprotein. I. Isolation and characterization of a glycopeptide from phosvitin.

J Biol Chem 246, 2278-2284.

Correspondence includes reviewers comments; corrected galley proof; typescript draft with corrections; figures; working material.

---

Y. Nakagawa and G.E. Perlmann, 1971

box 25

folder 3

**Scope and Contents note**

Disulfide bonds of pepsinogen and pepsin: Identification of the disulfide bonds which can be reversibly reduced and reoxidized.

Arch Biochem Biophys 144, 59-65.

Correspondence includes reviewer's comments; typescript draft; figures.

---

R. Shainkin and G.E. Perlmann, 1971

box 25

folder 4

## Scope and Contents note

Phosvitin, a phosphoglycoprotein: composition and partial structure of carbohydrate moiety.

Arch Biochem Biophys 145, 693-700.

Correspondence includes referees comments; corrected galley proof; typescript drafts; figures.

---

U. Muller-Eberhard and K. Grizzuti, 1971

box 25

folder 5

## Scope and Contents note

Conformational studies on human rabbit plasma hemopexin and on the effect of ligands on the rabbit heme-hemopexin complex.

Correspondence; typescript draft.

[Work reported in this paper supported in part by G.E. Perlmann grand].

[Internal evidence indicates published in Biochemistry?].

---

G.E. Perlmann and K. Grizzuti, 1971

box 25

folder 6

## Scope and Contents note

Complexes of phosvitin with poly-l-lysine and protamine. Conformational analysis.

Biochemistry 10, 4168-4176.

Correspondence includes reviewers comments and Perlmann holograph; corrected galley proof ;typescript draft with corrections ;figures.

---

G.E. Perlmann, 1971

box 25

folder 7

## Scope and Contents note

Articles on: Prolamine p. 4.

Protein pp. 34-39.

Protein, fibrous p. 39.

Protein, globular pp. 39-40.

Glutelin p. 246.

Albumin p. 256.

In: Mc-Graw-Hill Encyclopedia of Science and Technology. 3rd Edition.

Correspondence; tear sheets for all subjects with corrections.

[Not listed in bibliography].

R.C. Wong, Y. Nakagawa and G.E. Perlmann, 1972	box 25	folder 8
<b>Scope and Contents note</b>		
Studies on the nature of the inhibition by gossypol of the transformation of pepsinogen to pepsin.		
Correspondence; corrected galley proof; typescript draft; figures.		
Y. Nakagawa and G.E. Perlmann, 1972	box 25	folder 9
<b>Scope and Contents note</b>		
Modification of lysine residues of pepsinogen with decarboxylic anhydrides.		
Arch Biochem Biophys 149, 476-483.		
Correspondence; corrected galley proof; typescript draft; figures.		
W. Traub and G.E. Perlmann, 1972	box 25	folder 10
<b>Scope and Contents note</b>		
An x-ray study of phosvitin, the phosphoglycoprotein of hen's egg yolk.		
Israel J Chem 10, 655-658.		
Typescript draft.		
G.E. Perlmann, 1972	box 25	folder 11
<b>Scope and Contents note</b>		
Potentiometric titrations and conformational change.		
In: Hirs, C.H.W. and Timashell, S.N. eds. Methods in Enzymology, v. 26: Enzyme structure part C. New York, Academic Press, pp. 413-423.		
Duplicated material from volume editors to contributors; correspondence; corrected galley proof; typescript draft; figures.		
G.E. Perlmann, 1972	box 25	folder 12

## Scope and Contents note

Book review of "ORD and CD in Chemistry and Biochemistry" by Pierre Crabbe.

Analytical Chemistry, December (?).

Correspondence; typescript draft of review [Not listed in bibliography].

---

G.E. Perlmann and G.A. Kerwar, 1973

box 25

folder 13

## Scope and Contents note

Conformational change of pepsin induced by its substrate N-acetyl-L-phenylalanyl-1-3, 5 - diiodotyrosine.

Arch Biochem Biophys 157, 145-147.

Correspondence includes reviewers comments; corrected galley proof; typescript draft with corrections; figures; published papers by others used as background material.

---

G.E. Perlmann, 1973

box 25

folder 14

## Scope and Contents note

Phosvitin, a phosphoglycoprotein.

Israel J Chem 11, 393-405.

(Published in memory of Aharon Katzir-Katchalsky).

Correspondence includes referee comments; corrected galley proof; typescript draft; figures.

---

T.H. Finlay, E.D. Dharmgrongartanna and G.E. Perlmann, 1973

box 26

folder 1

## Scope and Contents note

Mechanism of the gossypol inactivation of pepsinogen.

J Biol Chem 248, 4827-4833.

Typescript draft; figures.

---

K. Grizzuti and G.E. Perlmann, 1973

box 26

folder 2

## Scope and Contents note

The binding of magnesium and calcium ions to the phosphoglycoprotein phosvitin.

Biochemistry 12, 4399-4403.

Correspondence includes reviewers comments; corrected galley proof; typescript drafts; figures.

U. Marchaim, R.M. Bhatnaga, 1974

box 26

folder 3

### Scope and Contents note

Elevated cyclic AMP levels in chemically induced mouse librosarcoma and their response to dibutyl cyclic AMP and theophylline,.

npi [Internal evidence indicates ms rejected by Nature].

Duplicated copy correspondence; typescript drafts.

F. Gaskin, G.E. Perlmann and N.P. Printz, 1974?

box 26

folder 4

Related Materials:

### Related Materials

See correspondence. under: Printz, N.P. Box no. 8.

### Scope and Contents note

Ethanol-induced conformational change in pepsinogen.

npi (no publication information).

Typescript draft with corrections; working material.

"Methods in Enzymology," Vol. XIX.

box 27

### Scope and Contents

"Proteolytic Enzymes," 1970 edited by G.E. Perlmann and L. Lorand in the Colwick-Kaplan series of Methods in Enzymology

Miscellaneous

box 27

folder 1

### Scope and Contents note

Includes correspondence; duplicated editorial instructions; preface: sample of letters to contributors and instruction for organization of chapters; also listing of contributors; addresses; chapter headings; table of contents; publishers advertising leaflets; review of Vol. XIX Proteolytic Enzymes.

Correspondence with Academic Press, 1967-1971

box 27

folder 2

### Arrangement note

Arranged in chronological order.

Correspondence with S.P. Colowick, N.O. Kaplan, Laszlo Lorand

box 27

folder 3

## Scope and Contents note

Includes Colowick/Kaplan publication congratulations.

## Arrangement note

Arranged in alphabetical order; then in chronological order.

---

Correspondence with contributors

## Scope and Contents note

Some with L. Lorand and Academic Press (carbon copies sent to G.E. Perlmann). Includes refusals to contribute.

## Arrangement note

Arranged in alphabetical order.

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A-E	box 27	folder 4
F-K	box 27	folder 5

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## Scope and Contents note

Includes Ichisima modified outline.

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L-O	box 27	folder 6
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## Scope and Contents note

Includes S. Moore comments on Elliot and Liu ms. (filed under Liu) ; Ali comments on Mycek ms.

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P-Z	box 27	folder 7
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## Scope and Contents note

Includes proposed outline for Petra ms; outline of Walsh ms. with additional page proof corrections.

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New Volume (Tentative) Correspondence, 1972-1974	box 27	folder 8
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## Scope and Contents note

Correspondents primarily:

Kim Barsky.

Sidney Colowick.

Nathan O. Kaplan.

Ephraim Katchalski.

Laszlo Lorand.



Includes various outlines; working materials. New volume appears to be planned with Ephraim Katchalski; addendum to Vol. XIX with Laszlo Lorand.

### Arrangement note

Arranged in chronological order.

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Contributors and subjects, 1970	box 28	folder 1
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### Scope and Contents note

For chapters in 1970 Methods in Enzymology Vol XIX - Proteolytic Enzymes. Alphabetical record on cards.

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Contributors mss

### Scope and Contents note

Includes photocopy of table of contents and list of contributors from published volume; mss on hand check marked; mss. numbered as to chapter designation in table of contents.

### Arrangement note

Arranged in alphabetical order as to contributor.

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A-C	box 28	folder 2
D-I	box 28	folder 3
K-L	box 28	folder 4
M-N	box 28	folder 5
O-R	box 29	folder 1
S-Wa	box 29	folder 2
We-Z	box 29	folder 3

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Galley Proofs

### Scope and Contents note

Includes working copy of table of contents. Printer's copies with corrections in some instances. In 3 folders. Kept in Chapter order 1-72

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Chapters 1-11	box 29	folder 4
Chapters 12-47	box 30	folder 1
Chapters 48-72	box 30	folder 2

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Laboratory Notes, 1935-1974

## Scope and Contents note

Notes; looseleaf notebooks. Some literature searches included with laboratory notes; also amino acid analyses. Most folders are subdivided as found and include laboratory procedures and some course and lecture notes attended by G.E. Perlmann.

## Arrangement note

Arranged by subject in approximate chronological order.  
Pages numbered consecutively [by editor].

Pacific Grove, Calif. Dr. Van Niels course on "Biochemical aspects of fermentations", 1956 August	box 31	folder 1
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## Arrangement note

[Pages removed from 4 spiral notebooks and kept in order found].

Katchalski lecture notes, 1961	box 31	folder 2
T. Berlin course notes	box 31	folder 3
1962	box 31	folder 4

## Scope and Contents note

2 notebooks comprising 3 folders: Perlmann handwritten notes on Uhlenbeck course in Thermodynamics and Statistical Mechanics.

Notes by student on Uhlenbeck course in Quantum Mechanics

## Scope and Contents note

Photocopied typed.

pp. 1-128	box 31	folder 5
pp. 129-239; lacking pp. 165-169	box 31	folder 6
M. Kac Holiday Science Lectures (Christmas Lectures) etc., 1962	box 32	folder 1
Laboratory procedures for students, undated	box 32	folder 2
Laboratory procedures, undated	box 32	folder 3

Laboratory notebooks

## Scope and Contents

Original covers on loose leaf notebooks removed and pages numbered consecutively. Subject indicated where known.

II, 1935 January 21-1939 March 6	box 32	folder 4
Formoltitation, 1937 April-May	box 32	folder 5

Metaphosphorsieune II, 1937 May-December 1940 February-March	box 32	folder 6
Nikotinsi[uneamide?], 1938 February-June	box 32	folder 7
Nikotinsi[uneamid?] Thiazole, 1938 January-April 1 1938 April 21-June 11	box 32	folder 8
<b>Scope and Contents note</b>		
Includes 2 notebooks.		
Croton[siem?] Buttei[sieme?] (Oxyolation), 1938 November-1939 May	box 32	folder 9
<b>Scope and Contents note</b>		
Includes reprint of F. Lipmann abstract.		
III, 1939 March-April	box 32	folder 10
Carlsberg Laboratory, Copenhagen?, 1939? April	box 32	folder 11
untitled	box 32	folder 11
Carlsberg Laboratory, Copenhagen Nikrotechnik, 1939 May 15-July 15	box 32	folder 11
Microfilm of Kern's Ph.D. thesis (in a 5 x 7 permalife envelope), 1958 October	box 32	folder 11
Phosphatase: Literature search on phosphatase, 1913-1941	box 33	folder 1
Phosphatase, 1940-1942	box 33	folder 2
Lymph #1, 1942-1943	box 33	folder 3
Lymph #2, 1943-1944	box 33	folder 4
Experiments with fibrinogen, normal human sera, plasma, hemolyzed sera, hemoglobin, 1944	box 33	folder 5
Effect of human plasma, 1944	box 33	folder 6
Preliminary experiments with artificial protein mixtures, 1944-1945	box 33	folder 7
Bovine serum albumin - lactoglobulin, egg albumin #1, and other experiments, 1946	box 34	folder 1
Egg albumin, ovalbumin experiments, 1946	box 34	folder 2
Egg, human serum, bovine serum albumin and others; NaCl, KCl; amino acids; peptides; urea; hydrozine sulfate; dispersion measurements; density measurements, 1946-1947	box 34	folder 3
Denaturation experiments Ea-Pa, 1947 1949	box 34	folder 4
Electrophoresis plakalbumin, 1948	box 34	folder 5

Modified ovalbumin

Modified ovalbumin I, 1947-1948 1949 1950 1951 1953	box 35	folder 1
<b>Scope and Contents note</b>  Includes MacPherson, Moore, Longworth reprints; copies of Perlmann, Longworth correspondence. with Linderstrøm-Lang. Linderstrøm-Lang and Otteson ms.		
Modified ovalbumin II, 1948-1949	box 35	folder 2
Collaborative experiments  <b>Scope and Contents note</b>  Includes patient record; some correspondence indicates electrophoretic work for hospital patient and others; possible collaboration with Dr. Van Dyke, Dr. Dubos, Dr. Tamm, Dr. Trager, Dr. Kunkel.		
1948-1950	box 35	folder 3
1948	box 35	folder 4
<b>Scope and Contents</b>  BSA-JO4		
1950-1951	box 35	folder 5
Copenhagen, 1950 Summer	box 35	folder 6
<b>Scope and Contents note</b>  Includes 2 bound notebooks; graphs; Korsgaard-Christensen published paper.		
Immunology ovalbum, 1948-1949	box 35	folder 7
<b>Scope and Contents note</b>  Includes typescript draft of Kaminski and Grabar abstract; Walker and Benditt reprint.		
Dephosphorylation of ovalbumin		
Dephosphorylation of ovalbumin I, 1950-1951, 1952	box 36	folder 1
<b>Scope and Contents note</b>  Includes MacPherson, Moore, Longworth reprint.		
Dephosphorylation of ovalbumin II, 1950, 1951, 1952	box 36	folder 2
Dephosphorylation of ovalbumin III, 1951	box 36	folder 3
Dephosphorylation of ovalbumin IV, 1953	box 36	folder 4
Phosphatase I, 1951 1952 1954 1955	box 36	folder 5

Stability of phosphoproteins, 1951 1953 1954	box 36	folder 6
Casein		
Casein I, 1952	box 36	folder 7
<b>Scope and Contents note</b>		
Includes reprints by others.		
Casein II, 1953, 1954, 1955	box 36	folder 8
Dephosphorylation of pepsin		
Dephosphorylation of pepsin I, 1952-1954	box 37	folder 1
<b>Scope and Contents note</b>		
Includes Tiselius, Henschen & Svenson reprint.		
Dephosphorylation of pepsin II, 1954	box 37	folder 2
Autodigestion of pepsin I, 1952-1953	box 37	folder 3
<b>Scope and Contents note</b>		
Includes Orringer, Lauser and Hollander reprint.		
Pepsin miscellaneous, 1953-1955	box 37	folder 4
Urea-Pepsin		
Urea-pepsin I, 1956	box 37	folder 5
Urea-pepsin II, 1956, 1957	box 37	folder 6
Urea-pepsin III, 1957	box 37	folder 7
Urea-pepsin IV, 1957-1958	box 37	folder 8
<b>Scope and Contents note</b>		
Includes in Russian: Harrington and Rivers reprint.		
Amino acid composition		
Amino acid composition I, 1957-1958	box 38	folder 1
Amino acid composition II, 1958-1959	box 38	folder 2
Pepsin Rotation experiments, 1958-1959	box 38	folder 3
Pepsin miscellaneous experiments, 1958-1959	box 38	folder 4
Poly-l-methionine experiments 1 bound notebook, 1960	box 38	folder 5

## Scope and Contents

[1960 notes on Poly-l-methionine while visiting Professor at Weizmann Institute, Israel]

Poly-l-methionine experiments, 1960-1961	box 38	folder 6
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## Scope and Contents note

Includes 1 item 1961 correspondence (photocopy) Carroll/Perlmann on measurements.

## Scope and Contents

[1960 notes on Poly-l-methionine while visiting Professor at Weizmann Institute, Israel]

Poly-l-methionine, 1960 April-August
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## Scope and Contents

Primarily calculations of ultracentrifugation and diffusion experiments.

pp. 1-126	box 39	folder 1
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pp. 127-219	box 39	folder 2
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GCl [guanidine hydrochloride] - pepsin (J. Léonis), 1959	box 39	folder 3
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## Scope and Contents

[name on original outer notebook cover]

P-free pepsin, 1960	box 39	folder 4
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Pepsin O.B.-S-S-[S-succinylcys], 1960-1961	box 39	folder 5
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## Scope and Contents note

Includes photocopied typescript draft pp. 9-16, 22-37, 44, 54-56 of Kern thesis; some R. Diring experimental work; typescript draft "Methods" on pepsin treatment in various ways.

Pepsinogen preliminary data
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Pepsinogen I., 1960	box 39	folder 6
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## Scope and Contents note

Includes typescript draft of procedure of "Regeneration of DEAE (N-N-diethylamino ethyl cellulose column). Van Vunakis and Herriott published paper on "Structural

changes associated with the conversion of pepsinogen to pepsin. ".

Pepsinogen II. Nutritional protein preparations. Preparations of pepsinogen on DEAE columns	box 39	folder 7
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Pepsinogen general, 1961	box 40	folder 1
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### Scope and Contents note

Includes preparations; comparison of: preparations and amino acid residues.

Pepsinogen general, 1964 1965-1968	box 40	folder 2
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### Scope and Contents note

Miscellaneous experiments including various experiments on pepsinogen activity; typescript draft of Bresler, Glickina, Frankel ms. on "The enzymatic activity of low molecular weight fragments of proteins and the problems of reactive centers of enzymes".

Amino acids analyses		
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1961-1962	box 40	folder 3
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1962	box 40	folder 4
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1963	box 40	folder 5
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Urea-pepsinogen experiments, 1962-1963	box 40	folder 6
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### Scope and Contents note

Includes Young and Potts published paper.

Pepsinogen Optical Rotation		
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Pepsinogen-optical rotation I, 1961	box 41	folder 1
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Pepsinogen-optical rotation II, 1961-1962	box 41	folder 2
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Pepsinogen-optical rotation III, 1962	box 41	folder 3
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Pepsinogen-optical rotation IV, 1964-1965	box 41	folder 4
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### Scope and Contents note

Includes photocopied typescript draft 1963-1964 Research Report by Edward J. Pollack on "Studies of the pepsinogen-pepsin conversion".

Pepsinogen Data		
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### Scope and Contents note

Primarily chromatograms.

1964-1966	box 41	folder 5
1966-1968	box 41	folder 6
1969 1971 1973	box 41	folder 7
UV [Ultraviolet] - spectra pepsinogen		
1961 1963	box 42	folder 1
<b>Scope and Contents note</b>		
Includes assorted published papers by others.		
1963-1964	box 42	folder 2
Acetylation of Pepsin-Pg [Pepsinogen]		
Acetylation of pepsin and Pg, 1964	box 42	folder 3
Acetylation of pepsin-pg (Summaries), 1965	box 42	folder 4
Succinylation of pepsinogen (Summaries), 1965	box 42	folder 5
Pepsinogen Titration experiments		
Pepsinogen Titration experiments, 1963	box 42	folder 6
Pepsinogen titrations I Temperature, 1964	box 43	folder 1
Pepsinogen titrations II Summaries, 1964	box 43	folder 2
Pepsinogen reverse titration, 1964-1966 1968	box 43	folder 3
Back titration summaries, 1965-1966	box 43	folder 4
Pepsinogen discontinuous titrations, 1965-1967	box 43	folder 5
Titration calculations, 1965-1967	box 43	folder 6
<b>Scope and Contents note</b>		
Includes literature search (published papers by others) ; partial typescript draft with corrections of Perlmann, Oplatka and Katchalsky ms.		
IMET experiments, 1966	box 44	folder 1
	box 44	folder 2
Pepsin-ZPDM		
Pepsin ZPDM. Procedure etc., 1966-1967	box 44	folder 3
Pepsin ZPDM. Results etc., 1966-1967	box 44	folder 4



## Scope and Contents note

Includes photocopied typescript draft on Micro-Kjeldahl Nitrogen Analysis procedure.

ORD [Optical Rotatory Dispersion] Pepsin; ZPDM-Pepsin, 1967	box 44	folder 5
Pepsin, CN-Pepsin		
Pepsin, CN-Pepsin I., 1966-1967	box 44	folder 6
<b>Scope and Contents note</b>		
Includes table of contents to hand numbered pages.		
Pepsin CN-Pepsin II, 1967-1968	box 44	folder 7
<b>Scope and Contents note</b>		
Includes table of contents to hand numbered pages.		
Pg[pepsinogen], CNpg	box 45	
pg, CNpg I, 1966-1967	box 45	folder 1
pg, CNpg II, 1966-1967	box 45	folder 2
<b>Scope and Contents note</b>		
Includes table of contents to hand numbered pages in each folder.		
Pepsinogen ORD [Optical Rotatory Dispersion], 1965 1967 1968	box 45	folder 3
ORD S [Succinyl] - Pepsinogen, 1966-1968		
pp. 1-110	box 45	folder 4
pp. 111-156	box 45	folder 5
Tryptic Digest of S-Pepsinogen results, 1967-1968	box 45	folder 6
<b>Scope and Contents note</b>		
Includes table of contents of designated experiments.		
Pepsinogen-Structural		
Amino acid analyses, 1967-1968	box 46	folder 3
Chromatographs pp. 1-79, 1967-1968	box 46	folder 4
Chromatographs pp. 80-164, 1967-1968	box 46	folder 5
ORD CN-Pepsinogen, 1966-1968	box 46	folder 1
ORD Summaries, undated	box 46	folder 2

## Scope and Contents note

Includes Pg, CN-Pg, 31CN-Pg, S-Pg.

Donna Albertson [technician] notes on Pepsin-pepsinogen (miscellaneous experimental data), 1968	box 47	folder 1
Pepsinogen - CN Br, 1968	box 47	folder 2
pH2 and pH4 Pepsins, 1968	box 47	folder 3
Amino acid analyses pH2 and pH4 pepsins and pepsinogens, 1968 September-1969 January	box 47	folder 4

## Scope and Contents note

Includes index to AAA [amino acid analyses] number.

Pg and modified Pg CD[Circular Dichroism], 1968	box 47	folder 5
ORD-CD Pepsin-pH, 1968-1970	box 47	folder 6
ORD-CD Pepsin + Substrate, 1969-1970		
pp. 1-79	box 48	folder 1
pp. 80-153	box 48	folder 2
ORD-CD Red-Ox [Reduced oxidized] Pepsin and Pepsinogen, 1969		
pp. 1-66	box 48	folder 3
pp. 67-143	box 48	folder 4
Nov. Rosie C. Wong notes - Carbamylation of porcine pepsin, 1969	box 48	folder 6
Reduction of pepsinogen, 1969		
pp. 0-100	box 49	folder 1
pp. 101-213	box 49	folder 2
Reduction and oxidation of Pgn [Pepsinogen] Chromatograms, 1970	box 49	folder 3
Reduction of pepsin, 1969-1970		
pp. 1-103	box 49	folder 4
pp. 104-190	box 49	folder 5
Peptide around S-S linkage, 1970	box 49	folder 6

Pepsins CD studies, 1970

## Scope and Contents note

Includes table of contents; typescript draft of Summary of CD and Activities Studies.

pp. 1-59	box 49	folder 7
pp. 60-126	box 49	folder 8
CD and ORD citraconyl pepsinogen, 1971	box 50	folder 1
Beate Ostreicher notes, undated	box 50	folder 2
<b>Scope and Contents note</b>  Includes typescript draft "The tryptic digestion of pepsinogen. Separation and amino acid composition of the tryptic peptides" and typewritten notes.		
Gossypol-pgn I, 1970	box 50	
<b>Scope and Contents note</b>  Includes table of contents to chromatograms.		
pp. 1-100	box 50	folder 3
pp. 101-202	box 50	folder 4
Gossypol-pgn II, 1970-1971	box 51	
<b>Scope and Contents note</b>  Includes table of contents to chromatograms on pp. 191 and 192.		
pp. 1-87	box 51	folder 1
pp. 88-175	box 51	folder 2
pp. 176-260	box 51	folder 3
Modified pgn tryptic digest AAA [amino acid analyses], 1970-1971	box 51	folder 4
Pgn - Modification of lysine, 1971		
pp. 1-115	box 51	folder 5
pp. 116-218	box 51	folder 6
Phosvitin Notes	box 51	
Phosvitin - Amino acid analyses, 1962 1963		
<b>Scope and Contents</b>  Sam Allerton notes		
pp. 1-29	box 51	folder 7
pp. 30-62	box 51	folder 8
Phosvitin, 1963-1964	box 52	folder 1

## Scope and Contents note

Includes typescript of 1964 Mar. S.E. Allerton grant report on phosvitin. Copies from S. Allerton notes.

Phosvitin pH-Urea ORD, 1966 1968	box 52	folder 2
Phosvitin - Preparations and Analyses, 1965, 1967-1971		
<b>Scope and Contents note</b>		
Includes table of contents to hand numbered pages of Procedures, Summary of results; 1 item correspondence 1965 Dec. Allerton/Perlmann with 3 page photocopied notes; Mano and Lipmann published paper.		
pp. 1-90	box 52	folder 3
pp. 91-184	box 52	folder 4
Computer sheets - Pepsinogen and Phosvitin Group of computer sheets programmed by D. Cantor testing samples of pg and phosvitin, 1968?	box 52	folder 5
Phosvitin Temperature ORD, 1967-1969	box 52	folder 6
Phosvitin (Sara Rimón notes)		
Phosvitin I, 1968	box 53	folder 1
Phosvitin III, 1968-1969	box 53	folder 2
Phosvitin Ionic Strength ORD, 1968-1969		
pp. 1-71	box 53	folder 3
pp. 72-124	box 53	folder 4
Phosvitin Ionic Strength CD, 1968-1969	box 53	folder 5
Dephosphorylation of phosvitin/other results R.S. [Ruth Shainkin notes], 1968-1969	box 53	folder 6
Phosvitin CD Glycol-pH, 1969	box 54	folder 1
Phosvitin ORD Glycol-pH, 1969-1970	box 54	folder 2
Phosvitin AAA [amino acid analyses] R.S. [Ruth Shainkin notes], 1969-1970	box 54	folder 3
Phosvitin - Carbohydrates: R.S. [Ruth Shainkin] notes		
Phosvitin - Carbohydrates I, 1969	box 54	folder 4
Phosvitin - Carbohydrates II, 1969-1970	box 54	folder 5
Phosvitin glycopeptides R.S. [Ruth Shainkin notes], 1969-1971		
pp. 0-130	box 55	folder 1

## Scope and Contents note

Includes typescript "Pronase digest of phosvitin".

pp. 131-227	box 55	folder 2
pp. 228-329	box 55	folder 3
Peptides of phosvitin D, F, G.R.S. [Ruth Shainkin] notes, 1970	box 55	folder 4
Phosvitin peptides: R.S. [Ruth Shainkin] notes, 1970		
pp. 1-89	box 55	folder 5
pp. 90-166	box 55	folder 6
Phosvitin ORD Low Temperature, 1969-1971		
pp. 1-43	box 56	folder 1
pp. 44-75	box 56	folder 2
Phosvitin Org. solvents ORD-CD, 1970	box 56	folder 3
Phosvitin org. solvents summary, undated	box 56	folder 4
Phosvitin methanol ORD-CD, 1970	box 56	folder 5
Phosvitin ORD-CD, 1970 1972	box 57	folder 1
ORD Phosvitin complexes I, 1970-1971		
pp. 1-88	box 57	folder 2
pp. 89-167	box 57	folder 3
ORD Phosvitin complexes II, 1971	box 57	folder 4
CD Phosvitin complexes, 1970-1971	box 57	
pp. 1-87	box 57	folder 5
pp. 88-135	box 58	folder 1
Felicia Gaskin notes, 1971-1972	box 58	folder 2
1 bound notebook of assorted experiments		
Dephosphorylation of phosvitin F.G. [Felicia Gaskin] notes, 1971-1972	box 58	folder 3
Hydrogen exchange of pepsinogen and pepsin. F.G. [Felicia Gaskin] photocopied notes, 1972	box 58	folder 4
<b>Scope and Contents note</b>		
Includes phosvitin notes.		
Marie Chiao notes, 1971		

## Scope and Contents note

Includes egg yolk, non-fert. egg experiments; amino acid analyses and others.

pp. 1-94	box 58	folder 5
pp. 95-190	box 58	folder 6

Marie Chiao notes, 1972-1973

## Scope and Contents note

Includes fert., non-fert. egg yolk experiments and others.

pp. 1-85	box 59	folder 1
pp. 86-168	box 59	folder 2
AAA [Amino acid analyses] fert. + non-fert. eggs, 1971-1972	box 59	folder 3
Summary fert. egg experiments. E.P. [?] notes, 1972	box 59	folder 4

Phosvitin binding experiments

Phosvitin binding chromatography, 1971-1972

pp. 1-115	box 59	folder 5
pp. 116-235	box 59	folder 6
Phosvitin binding dialysis, 1972	box 59	folder 7

Phosvitin binding various, 1972-1973

pp. 1-50	box 59	folder 8
pp. 51-114	box 60	folder 1
Phosvitin binding ORD-CD MeOH I, 1973	box 60	folder 2
Ion binding in MeOH by phosvitin II, undated	box 60	folder 3

Binding by phosvitin summaries, 1973

pp. 0-94	box 60	folder 4
pp. 95-206	box 60	folder 5
MgH-CaH phosvitin ORD-CD, 1972-1973	box 60	folder 6

Phosvitin embryogenesis R.S. [Ruth Shainkin] and E.P. [?] notes  
Amino acid analyses, 1972-1973

box 61 folder 1

## Scope and Contents note

Includes typescript draft of amino acid analyzer operating instructions.

Phosvitin miscellaneous Data and notes on chromatography; amino acid analyses; alkaline hydrolysis of PV [phosvitin], 1971 1974	box 61	folder 2
Phosvitin summary, undated	box 61	folder 3
Phosvitin Preps/Analyses		
1970-1972	box 61	folder 4
1973-1974	box 61	folder 5
Phosvitin work in progress, 1973 1974	box 61	folder 6
Brain phosphoproteins R.S. [Ruth Shainkin] note, 1968-1969	box 61	folder 7

## Scope and Contents

Includes notes other than pepsin-pepsinogen phosvitin

A.A.A. [amino acid analyses] Edman degradation - R.S. [Ruth Shainkin] notes, 1969-1970	box 61	folder 8
Carbohydrates - R.S. [Ruth Shainkin] notes, 1969-1970	box 62	folder 1
Destruct. of Psr., Ptr - R.S. [Ruth Shainkin] notes - amino acid analyses, 1971	box 62	folder 2
p-threonine; p-serine C4II-R.S. [Ruth Shainkin] notes, 1971		

## Scope and Contents note

Includes some phosvitin analyses.

pp. 1-88	box 62	folder 3
pp. 89-150	box 62	folder 4
p-threonine C4II Edman degradation R.S. [Ruth Shainkin] notes, 1971		
pp. 1-49	box 62	folder 5
pp. 50-123	box 62	folder 6
Protamine-polylysines, 1970	box 62	folder 7

## Scope and Contents note

Includes 2 items Sigma/Perlmann correspondence.

Collection of laboratory notes and manuscripts

## Scope and Contents note

Miscellaneous laboratory equipment information.

## Arrangement note

Arranged either by individual worker or subject (Perlmann subject arrangement maintained). In alphabetical order.

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Allerton, Samuel. Report material on "Studies on phosvitin", 1963 September 27	box 63	folder 1
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## Scope and Contents note

Includes typescript of report with notes.

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Enzyme Preparations	box 63	folder 2
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## Scope and Contents note

Procedures by Kornberg and Volkin.

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Katchalski, A. Laboratory notes, 1962 1963 1964 1965	box 63	folder 3
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Katchalski, E., Blout, E. - Boston (NIH Gulticl data)	box 63	folder 4
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## Scope and Contents note

Typescript 1st draft with corrections of ms "Polyamino acids as protein models" by E. Katchalski with notes.

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Katchalski, E., Kauzman, W. Pepsinogen notes, 1962 1963	box 63	folder 5
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Koehn, Paul V. Laboratory notes	box 63	folder 6
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Koshland, Dr.	box 63	folder 7
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## Scope and Contents note

Chymotrypsin, Opt. Rot. measurements, graphs.

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Laboratory Equipment Miscellaneous	box 63	folder 8
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## Scope and Contents note

Includes: Procedure for Automatic Amino Acid Analyzer of Spinco Model Polarimeter. Reader attachment specifications; equipment costs; expenses.

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NEM [N-ethylmaleimide] derivatives 1961 Typescript, 1961	box 63	folder 9
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Ong, Eng Bee, 1966	box 63	folder 10
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## Scope and Contents note

Figures; outline summary; typescript first draft of ms "A comparative study of the specificity of water-soluble trypsin



with that of water-insoluble copoly - (maleic acid-ethylene)  
- trypsin".

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Optical Rotation Gastricin miscellaneous laboratory notes	box 63	folder 11
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**Scope and Contents note**

Measurements; graphs; laboratory notes.

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Pepsinogen-Fluorescence; Pepsin; Worthington, 1963 1966	box 63	folder 12
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**Scope and Contents note**

Includes:.

Fluorescence: 1963 notes and graphs; Gally and Edelman reprint of published paper.

Pepsin: Typescripts of Rajagopalan, Stein and Moore 1966 mss.

Worthington: 1 item correspondence concerning samples of pepsinogen.

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Plakalbumin Reports [G.E. Perlmann]	box 63	folder 13
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**Scope and Contents note**

Danish material:.

Includes various reports [internal evidence indicates reports are from G.E. Perlmann to Linderstrøm-Lang] reprints of published papers, one by Perlmann.

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Trypsin-Immunology	box 63	folder 14
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**Scope and Contents note**

Typescript draft of experiment results with graphs.

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Yphantis, David (For transition curves)	box 63	folder 15
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**Scope and Contents note**

Laboratory notes includes measurements; calculations; graphs.

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Photographic negatives, 1948-1974

**Scope and Contents note**

Tables, charts, graphs, illustrations of laboratory work and results used in publications and lectures. Envelopes contain more than 1 negative.

## Arrangement note

Arranged in chronological order.

1948	box 64
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1949	box 64
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## Scope and Contents note

Includes glass negative.

1950	box 64
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1951	box 64
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1952	box 64
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1953	box 64
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1954	box 64
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## Scope and Contents note

Includes 3 x 4 glass negative.

1955	box 64
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1956	box 64
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1957	box 64
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1958	box 64
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1959	box 64
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1960	box 64
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1961	box 64
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1962	box 64
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1963	box 64
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1964	box 64
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1965	box 64
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1966	box 64
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1967	box 64
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1968	box 64
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1969	box 64
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1970	box 64
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## Scope and Contents note

Includes 2 photographic prints.

1971	box 64
1973	box 64
1974	box 64

## Scope and Contents note

Includes photographic print.

Photographic prints	box 65
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## Scope and Contents note

Tables, graphs, charts illustrations of laboratory readings and results. Used in publications and lectures.

Includes some 5 x 7 negatives, 2 x 2 lantern slides. Dating supplied from negatives (Box no. 64).

Lantern slide material. Miscellaneous material includes duplicates, 1950-1954	box 65	folder 1
Lantern slides - Boston	box 65	folder 2
Lantern slides - Experimental Burns	box 65	folder 3
Lantern slides - Casein, 1952	box 65	folder 4
Lantern slides - Dephosphorylation of proteins, 1950-1952	box 65	folder 5
Lantern slides - Plakalbumin and Immun, 1949 1951 1954	box 65	folder 6
Crystals, 1962	box 65	folder 7

## Scope and Contents note

Includes duplicates; (2) 2 x 2 lantern slides 1 of which is a duplicate; (1) 3 x 4 colored glass slide.

Phosvitin work used in publication as identified, 1970-1975	box 65	folder 8
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## Scope and Contents note

Includes duplicates; 5 x 7 negatives and 2 x 2 lantern slides for #91 in bibliography.

Mss. # in bibliography Figures.

74 1-6.

75 1, 4-9.

77 1-6.

81 5.

87 1-12.

89 1, 3, 4.

90 2-4.

91 1-3, 5, 6.

Includes 5 x 7 negatives and 2 x 2 lantern slides.

### Arrangement note

Arranged in numerical order as to bibliography mss #.

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Phosvitin. Unidentified as to publication

box 65

folder 9

### Scope and Contents note

Includes duplicates.

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Glass slides

### Scope and Contents note

Charts, graphs, tables of laboratory readings and results.

Includes: 3 x 4 glass slides, some black framed, most aluminum framed.

### Arrangement note

Arranged in chronological order: [removed from wooden slide drawers].

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1956	box 66
1960	box 66
1961	box 66
1962	box 66
1963	box 66
1964	box 66
1965	box 66
1966	box 66
1967	box 66
1968	box 66
undated	box 66

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## Scope and Contents note

Includes 1 colored.

3 x 4 glass slides boxed

box 66

## Scope and Contents note

Includes.

1962

1965

1968

2 x 2 lantern slides boxed

box 66

2 x 2 lantern slides labelled Tom - Felicia - boxed

box 66

2 x 2 lantern slides boxed (slides numbered 1-24)

box 66

3 x 4 black framed slides. Some marked Massachusetts General Hospital, some are dated [Internal evidence indicates some used for 1957 Nov. 20 Mount Holyoke Lecture on Proteins], Kept in order found, 1957 November 20

box 67

2 x 2 lantern slides in box marked "Leitz". In slide # numerical order

box 67

3 x 4 aluminum framed glass slides boxed. Kept in order found

box 67

## Scope and Contents note

Includes.

colored, undated

1965

undated

3 x 4 aluminum framed glass slides boxed, 1967

Glass slides: Plates of experimental work 2 x 10 glass plates include

box 68

Experiment 431 Pepsin w/calculations

Experiment 432 Pepsin

Experiment 566 Pepsin Urea "

Experiment 926 Pepsin-phosphodiesterase treated

## Scope and Contents note

Includes (1) 2 x 6, (1) 2 x 4.

Experiment 927 Pepsin-control

## Scope and Contents note

Includes (1) 2 x 6, (1) 2 x 4.

Experiment 1014 Urea Pepsin w/calculations	
Experiment 1015 Urea	
Experiment 1023 Urea treated Pepsin-electrophoretic sub fraction	
2 x 10 glass plates boxed Sept. 13 [Year?] - Sedimentation equilibrium on pepsinogen in 10% ethanol, 0% ethanol	box 68
2 x 2 lantern slides boxed	box 68
2 x 2 lantern slides boxed. No slide identification	box 68
3 x 4 glass slides	

## Scope and Contents note

Charts, graphs, readings of laboratory results. Used in publications and talks. Slide identification on Inside case cover.

Case #1 - Slides 1-50	box 69
Case #2 - Slides 1-50	box 70

## Scope and Contents note

Lacks 2, 19, 49, 50.

2 x 2 lantern slides	box 71
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## Scope and Contents note

Charts, tables, graphs of laboratory results. Used in publications and talks.

Includes: Black leather case. Slide identification on inside case cover. Some slides missing and not all identified.

3 metal cases containing 2 x 2 lantern slides	
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## Scope and Contents note

Includes.

2 x 2 lantern slides	box 72
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## Scope and Contents note

Slide identification on inside case cover. Some slides missing and not all identified.

2 x 2 lantern slides	box 73
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## Scope and Contents note

Slide identification on inside case cover. Some slides missing and not all identified.

2 x 2 lantern slides

box 74

## Scope and Contents note

No slide identification.

4 x 5 glass slides

box 76

## Scope and Contents note

box 75

Electrophoretic and refraction examinations of biological compounds for Perlmann laboratory work and other laboratories including: Drs. Lancefield, Goebel, Kunitz, Genest, Horsfall, Trager and Tamm.

Drawings of tables, graphs, illustrations

package 1

## Scope and Contents note

Slides and photographs used in lectures or publications made from these drawings.

Framed 3 dimensional photographs of protein molecules

package 1

Administrative correspondence and employment record, 1945-1974

box 77

## Scope and Contents note

Complete employment record of Dr. Perlmann, curriculum vitae, photographs and administrative correspondence. The correspondence deals with laboratory changes; changes in organization, travel abroad and promotion to Professor.

## Arrangement note

Arranged in chronological order.

## Immediate Source of Acquisition note:

### Immediate Source of Acquisition note

This group of papers was deposited at the Archives, by the Office of Faculty and Student Records. Received or inventoried: June 1980.

1945-1960

folder 1

1961-1974

folder 2

## Bibliography

Papers Van Slyke, D.D. Note on portable form of the manometric gas apparatus, and on certain points in the technique of its use. J Biol Chem 73: 121 (1927). Van

Slyke, D.D. and Sendroy, J., Jr. Carbon dioxide factors for the manometric blood gas apparatus. *J Biol Chem* 73: 127 (1927). Van Slyke, D.D. Determination of urea by gasometric measurement of the carbon dioxide formed by the action of urease. *J Biol Chem* 73: 695 (1927). Hiller, A., McIntosh, J.F. and Van Slyke, D.D. The excretion of albumin and globulin in nephritis. *J Clin Invest* 4: 235 (1927). Van Slyke, D.D. Certain aspects of the physical chemistry of the blood. Pasteur Lecture. *Proc Inst Med Chicago* 6: 173 (1927). Van Slyke, D.D., Hiller, A. and Knud Berthelsen. A gasometric micromethod for determination of iodates and sulfates, and its application to the estimation of total base in blood serum. *J Biol Chem* 74: 659 (1927). Van Slyke, D.D. and Hiller, A. Gasometric determination of hemoglobin by the carbon monoxide capacity method. *J Biol Chem* 78: 807 (1928). Van Slyke, D.D., Sendroy, J., Jr., Hastings, A.B. and Neill, J.M. Studies of gas and electrolyte equilibria in blood. X. The solubility of carbon dioxide at 38° in water, salt solution, serum, and blood cells; *J Biol Chem* 78: 765 (1928). Van Slyke, D.D. and Sendroy, J., Jr. Studies of gas and electrolyte equilibria in blood. XI. The solubility of hydrogen at 38° in blood serum and cells. *J Biol Chem* 78: 801 (1928). Hastings, A.B., Sendroy, J., Jr. and Van Slyke, D.D. Studies of gas and electrolyte equilibria in blood. XII. The value of pK in the Henderson-Hasselbalch equation for blood serum. *J Biol Chem* 79: 183 (1928). Hastings, A.B., Sendroy, J., Jr., McIntosh, J.F. and Van Slyke, D.D. Studies of gas and electrolyte equilibria in blood. XIII. The distribution of chloride and bicarbonate in the blood of normal and pathological human subjects. *J Biol Chem* 79: 193 (1928). Van Slyke, D.D., Hastings, A.B., Hiller, A. and Sendroy, J., Jr. Studies of gas and electrolyte equilibria in blood. XIV. The amounts of alkali bound by serum albumin and globulin. *J Biol Chem* 79: 769 (1928). Van Slyke, D.D. and Sendroy, J., Jr. Studies of gas and electrolyte equilibria in blood. XV. Line charts for graphic calculations by the Henderson-Hasselbalch equation, and for calculating plasma carbon dioxide content from whole blood content. *J Biol Chem* 79: 731 (1928). Van Slyke, D.D. and Hawkins, J.A. A gasometric method for determination of reducing sugars, and its application to analysis of blood and urine. *J Biol Chem* 79: 739 (1928). Christie, R.V., Sendroy, J., Jr. and Van Slyke, D.D. The distribution of electrolytes in haemophilic blood. *Quart J Med* 22: 65 (1928). Møller, E., McIntosh, J.F. and Van Slyke, D.D. Studies of urea excretion. II. Relationship between urine volume and the rate of urea excretion by normal adults. *J Clin Invest* 6: 427 (1928). McIntosh, J.F., Møller, E. and Van Slyke, D.D. Studies of urea excretion. III. The influence of body size on urea output. *J Clin Invest* 6: 467 (1928). Møller, E., McIntosh, J.E. and Van Slyke, D.D. Studies of urea excretion. IV. Relationship between urine volume and rate of urea excretion by patients with Bright's disease. *J Clin Invest* 6: 485 (1928). Hawkins, J.A. and Van Slyke, D.D. A time method for determination of reducing sugars, and its application to analysis of blood and urine. *J Biol Chem*



81: 459 (1929). Van Slyke, D.D. Discussion. The 1928 Silliman Lectures. *Science* 69: 163 (1929). Van Slyke, D.D. and Hawkins, J. Gasometric determination of fermentable sugar in blood and urine. *J Biol Chem* 83: 51 (1929). Van Slyke, D.D. Determination of acetone bodies in blood and urine. *J Biol Chem* 83: 415 (1929). Van Slyke, D.D. Manometric determination of primary amino nitrogen and its application to blood analysis. *J Biol Chem* 83: 425 (1929). Van Slyke, D.D. Manometric determination of urea in blood and urine by the hypobromite reaction. *J Biol Chem* 83: 449 (1929). Van Slyke, D.D. and Hiller, A. Gasometric determination of methemoglobin. *J Biol Chem* 84: 205 (1929). Van Slyke, D.D. and Hiller, A. Gasometric control of standard solutions for the Palmer hemoglobin method. *J Biol Chem* 84: 211 (1929). Van Slyke, D.D. and Sendroy, J., Jr. Gasometric determination of oxalic acid and calcium, and its application to serum analysis. *J Biol Chem* 84: 217 (1929). Hawkins, J.A. and Van Slyke, D.D. Comparison of rates of sugar disappearance and carbon dioxide formation during fermentation of glucose. *J Biol Chem* 84: 243 (1929). Hawkins, J.A., MacKay, B. and Van Slyke, D.D. Glucose excretion in Bright's disease. *J Clin Invest* 8: 107 (1929). Sendroy, J., Jr., Liu, S.H. and Van Slyke, D.D. The gasometric estimation of the relative affinity constant for carbon monoxide and oxygen in whole blood at 38°. *Amer J Physiol* 90: 511 (1929). Van Slyke, D.D. Gasometrische Mikro-Kjeldahl-Stickstoffbestimmung. Abderhalden Handbuch der biologischen Arbeitmethoden Abt. IV Teil 13: 21 (1930). Van Slyke, D.D. Bestimmung von Harnstoff durch gasometrische Messung des durch die Einwirkung von Urease gebildeten Kohlendioxydes. Abderhalden Handbuch der biologischen Arbeitmethoden Abt. IV Teil 1 749 (1930). Moore, N.S. and Van Slyke, D.D. The relationships between plasma specific gravity, plasma protein content and edema in nephritis. *J Clin Invest* 8: 337 (1930). Van Slyke, D.D., McIntosh, J.F., Møller, E., Hannon, R.R. and Johnston, C. Studies of urea excretion. VI. Comparison of the blood urea clearance with certain other measures of renal function. *J Clin Invest* 8: 357 (1930). Sendroy, J., Jr., Liu, S.H. and Van Slyke, D.D. Estimation gazometrique de la constante d'affinite relative pour l'oxyge de carbone et l'oxygene dans le sang total a 38°. *Bull Soc Chim Biol* 13: 532 (1930). Van Slyke, D.D. and Hawkins, J.A. Studies of gas and electrolyte equilibria in blood. XVI. The evolution of carbon dioxide from blood and buffer solutions. *J Biol Chem* 87: 265 (1930). Van Slyke, D.D., Stillman, E., Møller, E., Ehrich, W., McIntosh, J.F., Leiter, L., MacKay, E.M., Hannon, R.R., Moore, N.S. and Johnson, C. Observations on the courses of different types of Bright's disease, and on the resultant changes in renal anatomy. *Medicine* 9: 257 (1930). Rhoads, CP., Van Slyke, D.D., Hiller, A. and Alving, A. Studies of renal metabolism. *Proc Soc Exp Biol Med* 28: 776 (1931); *Trans Assn Amer Physicians* 46: 301 (1931). Sendroy, J., Jr., Hiller, A. and Van Slyke, D.D. Determination of lung volume by respiration of oxygen without forced breathing. *J Exp Med* 55: 361 (1932). Van

Slyke, D.D. and Sendroy, J., Jr. Manometric analysis of gas mixtures. I. The determination, by simple absorption, of carbon dioxide, oxygen and nitrogen in mixtures of these gases. *J Biol Chem* 95: 509 (1932). Van Slyke, D.D., Sendroy, J., Jr. and Liu, S.H. Manometric analysis of gas mixtures. II. Carbon dioxide by the isolation method. *J Biol Chem* 95: 531 (1932). Van Slyke, D.D., Sendroy, J., Jr. and Liu, S.H. Manometric analysis of gas mixtures. III. Manometric determination of carbon dioxide tension and pH of blood. *J Biol Chem* 95: 547 (1932). Van Slyke, D.D. and Hanke, M.E. Manometric, analysis of gas mixtures. IV. Hydrogen and oxygen by combustion. *J Biol Chem* 95: 569 (1932). Van Slyke, D.D. and Hanke, M.E. Manometric analysis of gas mixtures. V. Hydrogen by absorption with Paal's picrate-palladium solution. *J Biol Chem* 95: 587 (1932). Van Slyke, D.D. and Cope, C.L. Simplified colorimetric determination of blood urea clearance. *Proc Soc Exp Biol Med* 29: 1169 (1932). Van Slyke, D.D., Alving, A. and Rose, W.C. Studies of urea excretion. VII. The effects of posture and exercise on urea excretion. *J Clin Invest* 11: 1053 (1932). Page, I.H. and Van Slyke, D.D. A simple test for plasma protein contents below the edema-producing level. *JAMA* 99: 1344 (1932). Van Slyke, D.D. and Kugel, V.H. Use of Somogyi's filtrate to increase the specificity of the gasometric blood sugar method. *J Biol Chem* 102: 51 (1933). Van Slyke, D.D., Dillon, R.T. and Hiller, A. Crystallization of a compound of hemoglobin and carbon dioxide. *Proc Nat Acad Sci* 19: 828 (1933). Van Slyke, D.D. and Kugel, V.H. Improvements in manometric micro-Kjeldahl and blood urea methods. *J Biol Chem* 102: 489 (1933). Van Slyke, D.D. and Hiller, A. Determination of ammonia in blood. *J Biol Chem* 102: 499 (1933). Van Slyke, D.D. and Sendroy, J., Jr. Studies of gas and electrolyte equilibria in blood. XVII. The effect of oxygenation and reduction on the carbon dioxide absorption curve and the pK' of whole blood. *J Biol Chem* 102: 505 (1933). Van Slyke, D.D., Page, I.H. and Kirk, E. A manometric micro method for determination of carbon in organic compounds. *J Biol Chem* 102: 635 (1933). Van Slyke, D.D. and Kirk, E. Comparison of gasometric, colorimetric, and titrimetric determinations of amino nitrogen in blood and urine. *J Biol Chem* 102: 651 (1933). Peters, J.P. and Van Slyke, D.D. *Analysen von Gasgemischen. Handbuch der biol Arbeits Abt. 5 Teil* 10 113 (1934). Peters, J.P. and Van Slyke, D.D. *Gasometrische Methoden zur Analyse von Blut und anderen Losungen. Handbuch der biol Arbeits Abt. 5 Teil* 10 203 (1934). Van Slyke, D.D. Acidosis and alkalosis. *Bull NY Acad Med* 10: 103 (1934). Van Slyke, D.D. Tests of renal function in Bright's disease. *Med Clin N Amer* 17: 1179 (1934). Van Slyke, D.D., Dillon, R.T. and Margaria, R. Studies of gas and electrolyte equilibria in blood. XVIII. Solubility and physical state of atmospheric nitrogen in blood cells and plasma. *J Biol Chem* 105: 571 (1934). Sendroy, J., Jr., Dillon, R.T. and Van Slyke, D.D. Studies of gas and electrolyte equilibria in blood. XIX. Solubility and physical state of uncombined oxygen in blood. *J Biol Chem* 105: 597 (1934). Rhoads, C.P., Alving,

A.S., Hiller, A. and Van Slyke, D.D. The functional effect of explanting one kidney and removing the other. *Amer J Physiol* 109: 329 (1934). Van Slyke, D.D., Rhoads, CP., Hiller, A. and Alving, A.S. Relationships between urea excretion, renal blood flow, renal oxygen consumption and diuresis. The mechanism of urea excretion. *Amer J Physiol* 109: 336 (1934). Kirk, E., Page, I.H. and Van Slyke, D.D. Gasometric microdetermination of lipids in plasma, blood cells, and tissues. *J Biol Chem* 106: 203 (1934). Sendroy, J., Jr., Scelig, S. and Van Slyke, D.D. Studies of acidosis. XXII. Application of the Henderson-Hasselbalch equation to human urine. *J Biol Chem* 106: 463 (1934). Sendroy, J., Jr., Seelig, S. and Van Slyke, D.D. Studies of acidosis. XXIII. The carbon dioxide tension and acid-base balance of human urine. *J Biol Chem* 106: 479 (1934). Alving, A.S. and Van Slyke, D.D. The significance of concentration and dilution tests in Bright's disease. *J Clin Invest* 13: 969 (1934). Van Slyke, D.D., Rhoads, CP., Hiller, A. and Alving, A.S. The relationship of the urea clearance to the renal blood flow. *Am J Physiol* 110: 387 (1934). Rhoads, CP., Van Slyke, D.D., Hiller, A. and Alving, A.S. The effects of novocainization and total section of the nerves of the renal pedicle on renal blood and function. *Amer J Physiol* 110: 392 (1934). Van Slyke, D.D., Page, I.H., Kirk, E. and Farr, L.E. Nature of nitrogenous constituents in petroleum ether extract of plasma. *Proc Soc Exp Biol Med* 32: 837 (1935). Van Slyke, D.D., Page, I.H., Hiller, A. and Kirk, E. Studies of urea excretion. IX. Comparison of urea clearances calculated from the excretion of urea, of urea plus ammonia, and of nitrogen determinable by hypobromite. *J Clin Invest* 14: 901 (1935). Van Slyke, D.D., Hiller, A. and Miller, B.F. The clearance, extraction percentage and estimated filtration of sodium ferrocyanide in the mammalian kidney. Comparison with inulin, creatinine and urea. *Amer J Physiol* 113: 611 (1935). Van Slyke, D.D., Hiller, A. and Miller, B.F. The distribution of ferrocyanide, inulin, creatinine and urea in the blood and its effect on the significance of their extraction percentages. *Amer J Physiol* 113: 629 (1935). Page, I.H., Kirk, E., Lewis, W.H., Jr., Thompson, W.R. and Van Slyke, D.D. Plasma lipids of normal men at different ages. *J Biol Chem* 111: 613 (1935). Van Slyke, D.D. The urea clearance as a measure of renal function. *Amer J Med Techn* 2: 42 (1936). Van Slyke, D.D. and Dillon, R.T. Gasometric determination of carboxyl groups in amino acids. *Proc Soc Exp Biol Med* 34: 362 (1936). Miller, B.F. and Van Slyke, D.D. A direct microtitration method for blood sugar. *J Biol Chem* 114: 583 (1936). Van Slyke, D.D. and Alving, A.S. La cura dietetica del Morbo di Bright. *Attualita di terapia medica* XV: 101 (1937). Van Slyke, D.D. and Dillon, R.T. Gasometric determination of carboxyl groups in amino acids. *C R Lab Carlsberg* 22: 480 (1938). Van Slyke, D.D., Hiller, A., Dillon, R.T. and MacFadyen, D. The unidentified base in gelatin. *Proc Soc Exp Biol Med* 38: 548 (1938). Van Slyke, D.D. The manometric determination of amino acids. *Biochem J* 32: 1614 (1938). Farr, L.E. and Van Slyke, D.D. Relation between plasma protein level and edema in nephrotic

children. *Amer J Dis Child* 57: 306 (1939). McCarthy, E.F. and Van Slyke, D.D. Diurnal variations of hemoglobin in the blood of normal men. *J Biol Chem* 128: 567 (1939). Van Slyke, D.D. The development of controlled oxygen therapy (Willard Gibbs Medal). *The Chemical Bulletin* 26: 176 (1939). Folch, J. and Van Slyke, D.D. Preparation of blood lipid extracts free from non-lipid extractives. *Proc Soc Exp Biol Med* 41: 514 (1939). Folch, J. and Van Slyke, D.D. Nitrogenous contaminants in petroleum ether extracts of plasma lipids. *J Biol Chem* 129: 539 (1939). Van Slyke, D.D. Determination of solubilities of gases in liquids with use of the Van Slyke-Neill manometric apparatus for both saturation and analysis. *J Biol Chem* 130: 545 (1939). Van Slyke, D.D. Renal mechanisms controlling composition of the body fluids (Willard Gibbs Lecture). *Chem Rev* 26: 105 (1940). Van Slyke, D.D., Hiller, A., MacFadyen, D.A., Hastings, A.B. and Klemperer, F.W. On hydroxylysine. *J Biol Chem* 133: xxxiii (1940). Van Slyke, D.D. and Folch, J. Manometric carbon determination. *J Biol Chem* 136: 509 (1940). Van Slyke, D.D. Renal function test. *New York J Med* 41: 825 (1941). Van Slyke, D.D. Renal function tests. *Modern Medicine* 9: 28 (1941). Van Slyke, D.D. Fisiologia de los aminoacidos. *Medicas* 2: 78 (1941). Van Slyke, D.D., Dillon, R.T., MacFadyen, D.A. and Hamilton, P. Gasometric determination of carboxyl groups in free amino acids. *J Biol Chem* 141: 627 (1941). Van Slyke, D.D., MacFadyen, D.A. and Hamilton, P. Determination of free amino acids by titration of the carbon dioxide formed in the reaction with ninhydrin. *J Biol Chem* 141: 671 (1941). Van Slyke, D.D., Hiller, A. and MacFadyen, D.A. The determination of hydroxylysine in proteins. *J Biol Chem* 141: 681 (1941). Emerson, K., Jr. and Van Slyke, D.D. The nephrotic crisis. *J Mount Sinai Hosp NY* 8: 495 (1. 942). Van Slyke, D.D. and Kreysa, F.J. Microdetermination of calcium by precipitation as picrolonate and estimation of the precipitated carbon by manometric combustion. *J Biol Chem* 142: 765 (1942). Van Slyke, D.D. Physiology of the amino acids (Centennial Address, Univ. of Chicago). *Science* 95: 259 (1942); *Nature* 149: 342 (1942). Van Slyke, D.D. The kinetics of hydrolytic enzymes and their bearing on method for measuring enzyme activity. *Advances Enzym* 2: 33 (1942). Klemperer, F.W., Hastings, A.B. and Van Slyke, D.D. The dissociation constants of hydroxylysine. *J Biol Chem* 143: 433 (1942). Van Slyke, D.D., MacFadyen, D.A. and Hamilton, P.B. Application of the gasometric ninhydrin-CO<sub>2</sub> method to determination of amino acids in blood. *Fed Proc* 1: 139 (1942). Van Slyke, D.D. and Archibald, R.M. Purification, kinetics and activity measurement of liver arginase. *Fed Proc* 1: 139 (1942). Phillips, R.A., Putter, P.H., Hamilton, P.B., Archibald, R.M., Hiller, A. and Van Slyke, D.D. The source of the ammonia produced in the kidney in acidosis. *Fed Proc* 1: 67 (1942). Van Slyke, D.D., Hiller, A. and Dillon, R.T. Solubilities and compositions of the phospho-12-tungstates of the diamino acids and of proline, glycine and tryptophane. *J Biol Chem* 146: 137 (1942). MacFadyen, D.A. and Van Slyke, D.D. Note on the use of the o-phenolthroline ferrous complex as an indicator

in the ceric sulfate titration of blood sugar. *J Biol Chem* 149: 527 (1943). Phillips, R.A., Van Slyke, D.D., Dole, V.P., Emerson, K., Jr., Hamilton, P.B. and Archibald, R.M., with technical assistance of E.G. Stanley and J. Plazin. The copper sulfate method for measuring specific gravities of whole blood and plasma. *Biomed Newsletter* 1: 1 (1943); *Bulletin U.S. Army Medical Department* 71: 66 (1943). Hamilton, P.B. and Van Slyke, D.D. The gasometric determination of free amino acids in blood filtrates by the ninhydrin-carbon dioxide method. *J Biol Chem* 150: 231 (1943). Van Slyke, D.D., MacFadyen, D.A. and Hamilton, P.B. The gasometric determination of amino acids in urine by the ninhydrin-carbon dioxide method. *J Biol Chem* 150: 251 (1943). Van Slyke, D.D. and Hamilton, P.B. The synthesis and properties of ninhydrin ureide. *J Biol Chem* 150: 471 (1943). Van Slyke, D.D., Phillips, R.A., Hamilton, P.B., Archibald, R.M., Patcher, P.H. and Hiller, A. Glutamine as source material of urinary ammonia. *J Biol Chem* 150: 481 (1943). Van Slyke, D.D. and Archibald, R.M. Manometric, titrimetric and colorimetric methods for measurement of urease activity. *J Biol Chem* 154: 623 (1944). Van Slyke, D.D. and Rieben, W.K. Microdetermination of potassium by precipitation and titration of the phospho-12-tungstate. *J Biol Chem* 156: 743 (1944). Van Slyke, D.D., Phillips, R.A., Hamilton, P.B., Archibald, R.M., Dole, V.P. and Emerson, K., Jr. Effect of shock on the kidney. *Trans Ass Amer Physicians* 58: 119 (1944). Van Slyke, D.D. Renal function of dogs given oxyhemoglobin or methemoglobin solutions. *Biomed Newsletter* 5: 9 (1945). Phillips, R.A., Dole, V.P., Hamilton, P.B., Emerson, K., Jr., Archibald, R.M. and Van Slyke, D.D. Effects of acute hemorrhagic and traumatic shock on renal function of dogs. *Amer J Physiol* 145: 314 (1946). Dole, V.P., Emerson, K., Jr., Phillips, R.A., Hamilton, P.B. and Van Slyke, D.D. The renal extraction of oxygen in experimental shock. *Amer J Physiol* 145: 337 (1946). Phillips, R.A., Yeomans, A., Dole, V.P., Farr, L.E. and Van Slyke, D.D. Estimation of blood volume from change in blood specific gravity following a plasma infusion. *J Clin Invest* 25: 261 (1946). Hamilton, P.B. and Van Slyke, D.D. The effects of the volatile aldehydes formed on the accuracy of the manometric ninhydrin-carbon dioxide method in analysis of certain  $\alpha$ -amino acids. *J Biol Chem* 164: 249 (1946). Van Slyke, D.D. Quantitative analysis in biochemistry. *Currents in Biochemical Research* Chap. 8 D.E. Green, Ed. Interscience, 1946. Phillips, R.A., Yeomans, A., Dole, V.P., Farr, L.E. and Van Slyke, D.D. Specific gravity estimation of blood volume. *Modern Medicine* 14: 90 (1946). Van Slyke, D.D. and Archibald, R.M. Gasometric and photometric measurement of arginase activity. *J Biol Chem* 165: 293 (1946). Van Slyke, D.D., Hiller, A., Weisiger, J.R. and Cruz, W.O. Determination of carbon monoxide in blood and of total and active hemoglobin by carbon monoxide capacity. Inactive hemoglobin and methemoglobin contents of normal human blood. *J Biol Chem* 166: 121 (1946). Van Slyke, D.D. and Hiller, A. Application of Sendroy's

iodometric chloride titration to protein-containing fluids. *J Biol Chem* 167: 107 (1947).Cotzias, G. C, Lavin, G.I. and Van Slyke, D.D. Observations on normal and pathologic kidney tissue with ultraviolet photomicrography. *Acta Med Scand* 196: 259 (1947).Chinard, F.P. and Van Slyke, D.D. Comparison of a modified Folin photometric procedure and the ninhydrin manometric method for the determination of amino acid nitrogen in plasma. *J Biol Chem* 169: 571 (1947).Van Slyke, D.D. Studies of normal and pathological physiology of the kidney. 30th Mellon Lecture, May 29, 1947.Van Slyke, D.D. The effect of urine volume on urea excretion. *J Clin Invest* 26: 1159 (1947).Hamilton, P.B., Farr, L.E., Hiller, A. and Van Slyke, D.D. Preparation of hemoglobin solutions for intravenous infusion. *J Exp Med* 86: 455 (1947).Farr, L.E., Hiller, A. and Van Slyke, D.D. Preparation of dried hemoglobin without loss of activity. *J Exp Med* 86: 465 (1947).Hamilton, P.B., Hiller, A. and Van Slyke, D.D. Renal effects of hemoglobin infusions in dogs in hemorrhagic shock. *J Exp Med* 86: 477 (1947).Van Slyke, D.D. Nomogram for correction of low urine chloride values determined by the silver iodate reaction. *J Biol Chem* 171: 467 (1947).Van Slyke, D.D. The effects of shock on the kidney. *Ann Intern Med* 28: 701 (1948).Van Slyke, D.D. Effects of hemorrhage on the kidney. *Ann NY Acad Sci* 49: 593 (1948).Eder, H., Chinard, F.P., Greif, R.L., Cotzias, G. C, Hiller, A., Van Slyke, D.D. and Lauson, H.D. A study of the changes in plasma volume, renal function and water and salt balance induced by repeated administration of human plasma albumin to patients with the nephrotic syndrome. *Proc J Clin Invest* 27: 532 (1948).Hiller, A., Plazin, J. and Van Slyke, D.D. A study of conditions for Kjeldahl determination of nitrogen in proteins. Description of methods with mercury as catalyst, and titrimetric and gasometric measurements of the ammonia formed. *J Biol Chem* 176: 1401 (1948).Hiller, A., Plazin, J. and Van Slyke, D.D. Substitutes for saponin in the determination of oxygen and carbon monoxide of blood. *J Biol Chem* 176: 1431 (1948).Van Slyke, D.D., Weisiger, J.R. and Van Slyke, K.K. Photometric measurement of plasma pH. *J Biol Chem* 179: 743 (1949).Van Slyke, D.D., Weisiger, J.R. and Van Slyke, K.K. Photometric measurement of urine pH. *J Biol Chem* 179: 757 (1949).Eder, H.A., Chinard, F.P., Lauson, H.D., Greif, R.L., Hiller, A., Cotzias, G.C. and Van Slyke, D.D. Studies on the pathogenesis of nephrotic edema. *Proc J Clin Invest* 28: 779 (1949).Van Slyke, D.D. and Dole, V.P. The significance of the urea clearance. *J Clin Path* 2: 273 (1949).Phillips, R.A., Van Slyke, D.D., Hamilton, P.B., Dole, V.P., Emerson, K. Jr., and Archibald, R.M. Measurement of specific gravities of whole blood and plasma by standard copper sulfate solutions. *J Biol Chem* 183: 305 (1950).Van Slyke, D.D., Hiller, A., Phillips, R.A., Hamilton, P.B., Dole, V.P., Archibald, R.M. and Eder, H.A. The estimation of plasma protein concentration from plasma specific gravity. *J Biol Chem* 183: 331 (1950).Van Slyke, D.D., Phillips, R.A., Dole, V.P., Hamilton, P.B., Archibald, R.M. and Plazin, J. Calculation of hemoglobin from blood specific gravities. *J Biol Chem* 183: 349 (1950).Van Slyke,

D.D., Plazin, J. and Weisiger, J.R. Reagents for the Van Slyke-Folch wet carbon combustion. *J Biol Chem* 191: 299 (1951). Van Slyke, D.D., Steele, R. and Plazin, J. Determination of total carbon and its radioactivity. *J Biol Chem* 192: 769 (1951). Van Slyke, D.D. Studies of normal and pathological physiology of the kidney. *Lectures on the Scientific Basis of Medicine* 1: 143, 1951-52. Van Slyke, D.D. and Sinex, F.M. Determination of polyglucose in blood and urine. *Proc Soc Exp Biol Med* 79: 163 (1952). Steele, R., Van Slyke, D.D. and Plazin, J. Fate of intravenously administered polyvinylpyrrolidone. *Ann NY Acad Sci* 55: 479 (1952). Van Slyke, D.D. and Sacks, J. Preparation of serum lipid extracts free of inorganic phosphate. *J Biol Chem* 200: 525 (1953). Sinex, P.M. and Van Slyke, D.D. Source of the hydroxylysine of collagen. *Fed Proc* 13: 297 (1954). Eder, H.A., Lauson, H.D., Chinard, F.P., Greif, R.L., Cotzias, G.C. and Van Slyke, D.D. A study of the mechanisms of edema formation in patients with the nephrotic syndrome. *J Clin Invest* 33: 636 (1954). Van Slyke, D.D. L'insufficienza renale tubulare nello shock e nella nefrite. *Minerva Med Anno XLV-Vol. I-N* 42 (1954). Van Slyke, D.D. Renal tubular failure of shock and nephritis (John Phillips Lecture). *Ann Intern Med* 41: 709 (1954). Van Slyke, D.D. Wet carbon combustion and some of its applications (Fisher Award Lecture). *Anal Chem* 26: 1706 (1954). Sinex, F.M., Plazin, J., Clareus, D., Bernstein, W., Van Slyke, D.D. and Chase, R. Determination of total carbon and its radioactivity. II. Reduction of required voltage and other modifications. *J Biol Chem* 213: 673 (1955). Sinex, F.M. and Van Slyke, D.D. The source and state of the hydroxylysine of collagen. *J Biol Chem* 216: 245 (1955). Van Slyke, D.D. Hydroxylysine. *Society of Biological Chemists, India: Souvenir* pp. 138-144 (1955). Van Slyke, D.D. Hydroxylysine. *Festschrift Arthur Stoll Jan., 1957*. Sinex, F.M. and Van Slyke, D.D. The role of hydroxylysine in the synthesis of collagen. *Fed Proc* 16: 250 (1957). Van Slyke, D.D. The role of oxygen and carbon dioxide in cardiovascular physiology and pathology. *Bull St. Francis Hosp* 14: 1 (1957). Van Slyke, D.D. Oxygen physiology, normal and abnormal (5th Edsel B. Ford Lecture). *Henry Ford Hosp Med Bull* 5: 25 (1957). Van Slyke, D.D. Alkaline incineration methods for determination of protein-bound iodine in serum. *Scand J Clin Lab Invest* 10: 317 (Supp. 31) (1958). Van Slyke, D.D. and Sinex, F.M. The course of hydroxylation of lysine to form hydroxylysine in collagen. *J Biol Chem* 232: 797 (1958). Van Slyke, D.D. Renal tubular function and failure. *Proc Rudolph Virchow Med Soc* 17: 59 (1958). Shreeve, W.W., Gidez, L.I., Eder, H.A., Hennes, A.R. and Van Slyke, D.D. Carbon-14 in the study of metabolic processes in man. *Second International Conference on Peaceful Uses of Atomic Energy Vol. 25, Pt. 2, 34-38 Pergamon* (1958). Sinex, F.M., Van Slyke, D.D. and Christman, D.R. The source and state of the hydroxylysine of collagen. II. Failure of free hydroxylysine or lysine of collagen. *J Biol Chem* 234: 918 (1958). Van Slyke, D.D. General principles of oxygen transport and transfer. In *Oxygen Supply to the Human Fetus. A Symposium*. Edited

by J. Walker and A.C. Turnbull. Oxford: Blackwell Sci. Pub., 1959. Van Slyke, D.D. and Plazin, J. Development of precise methods with a micro form of Van Slyke-Neill manometric apparatus. Fourth International Congress Clinical Chemistry, Edinburgh 1960. Foss, O.P., Hanks, L.V. and Van Slyke, D.D. A study of the alkaline ashing method for determination of protein-bound iodine in serum. *Clin Chem Acta* 5: 301 (1960). Van Slyke, D.D. and Plazin, J. Determination of carbon and its radioactivity. III. Transfer of small amounts of CO<sub>2</sub> to counting tubes. *J Biol Chem* 235: 2749 (1960). Van Slyke, D.D. Gasometric Methods of Analysis. Proc of the International Symposium of Microchemistry, State College, Pa. August, 1961. Edited by Nicholas D. Cheronis. Pub. by John Wiley & Sons, New York, 1962. Van Slyke, D.D. and Plazin, J. Determination of carbon and its radioactivity. IV. Transfer of CO<sub>2</sub> to counting tubes without the use of liquid nitrogen. *J Biol Chem* 237: 3296 (1962). Popenoe, E.A. and Van Slyke, D.D. The formation of collagen hydroxy-lysine. *J Biol Chem* 237: 3491 (1962). Aronson, R.B., Popenoe, E.A. and Van Slyke, D.D. The formation of collagen hydroxylysine studies with tritiated lysine. *Fed Proc* (1963). Van Slyke, D.D. and Carson, P.E. A simplified technique for determination of small amounts of calcium as oxalate. *Clin Chem* 10: 352-365 (1964). Van Slyke, D.D. The gases of the blood. Brookhaven Lecture Series, No. 41, Nov. 1964. Popenoe, E.A., Aronson, R.B. and Van Slyke, D.D. The formation of collagen hydroxylysine studied with tritiated lysine. *J Biol Chem* 240: 3089-3092 (1965). Van Slyke, D.D. and Plazin, J. The preparation of extracts of plasma lipids free from water-soluble. contaminants. *Clin Chlm Acta* 12: 46-54 (1965). Popenoe, E.A., Aronson, R.B. and Van Slyke, D.D. Hydroxylysine formation from lysine during collagen biosynthesis. *Proc Nat Acad Sci USA* 55: 393-397 (1966). Van Slyke, D.D. Reminiscences of life and work with Hastings. *Fed Proc* 25: 820-821 (1966). Van Slyke, D.D., Hanks, L.V. and Vitols, J.J. Photometric determination of pH with a single standard and calculation by nomogram: application to human plasma pH. *Clin Chem* 12: 849-870 (1966). Van Slyke, D.D. Some points of acid-base history in physiology and medicine. *Ann NY Acad Sci* 133: 5-14 (1966). Aronson, R.B., Sinex, F.M., Franzblau, C., and Van Slyke, D.D. The oxidation of protein-bound hydroxylysine by periodate. *J Biol Chem* 242: 809-812 (1967). Popenoe, E.A., Aronson, R.B. and Van Slyke, D.D. The sulfhydryl nature of collagen proline hydroxylase. *Arch Biochem* 133: 286-292 (1969). Van Slyke, D.D. and LoMonte, A.F. Manometric determination of nitrate and nitrite. *Microchem J* 14: 608-626 (1969). Aronson, R.B. and Van Slyke, D.D. Manometric determination of CO# combined with scintillation counting of C-14. Submitted to *Anal Biochem*. Books Van Slyke, D.D. Laboratory Methods of the U.S. Army. Chemical Methods in Medical War Manual No. 6, 1919 and TM8-227, 1946. Bureau of Documents, U.S. Government Printing Office, Washington, D.C. Lundsgaard, C. and Van Slyke, D.D. Cyanosis. Baltimore: Williams & Wilkins, 1923. Van Slyke, D.D.



Factors affecting the distribution of electrolytes, water, and gases in the animal body. Philadelphia: J.B. Lippincott Co., 1926. Peters, J.P. and Van Slyke, D.D. Quantitative Clinical Chemistry. Vol. I - Interpretations, 1931, Rev., 1946; Vol. II - Methods, 1932, Rev., 1943. Baltimore; Williams & Wilkins. Van Slyke, D.D. and Plazin, J. Micromanometric Analyses. Baltimore: Williams & Wilkins, 1961. Van Slyke, D.D. Manometric Methods (under preparation)

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