



Rockefeller University records, Reports of Students

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Summary Information

Repository:	Rockefeller Archive Center
Creator:	Rockefeller University
Creator:	Acheson, N. H.
Creator:	Rockefeller Institute for Medical Research
Title:	Rockefeller University records, Reports of Students
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Physical Description:	4 boxes
Language of the Material:	English

Preferred Citation note

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

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Scope and Contents

Reports of students on work done for laboratory course in biochemistry.

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Arrangement

Arranged by each year. Each volume indexed.

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File Plan note

Former Classification: I 470-1

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Administrative Information

Publication Statement

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Conditions Governing Access note

This collection is open for scholarly research.

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Controlled Access Headings

- Arboviruses
- Cell and biomolecular sciences
- Science -- Study and teaching
- Medical education
- Medicine, Preventive
- Medical technology
- Chemistry
- Biochemistry
- Biology -- Research

- Life sciences
- Animal behavior
- Medical research
- Medical sciences
- Rockefeller University
- Acheson, N. H.
- Rockefeller Institute for Medical Research

Physical Characteristics and Technical Requirements note

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

Title/Description	Instances
Reports of students: General Biochemistry	
1959-1962	box 1
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1 Alan R. Adolph NUCLEAR MAGNETIC RESONANCE	
2 Thomas Peter Bennett THE OPTICAL SPECIFICITY OF AN AMINO ACID DEPENDENT EXCHANGE BETWEEN ³² P LABELED INORGANIC PYROPHOSPHATE AND ATP IN BACILLUS BREVIS EXTRACTS	
3 Barry R. Bloom ON THE INTRACELLULAR LOCALIZATION OF AN S ³⁵ -COUPLED AZOPROTEIN ANTIGEN IN RABBIT SPLEEN	
4 Arthur H. Burr, Jr. AN AUTORADIOGRAPHIC STUDY ON THE UPTAKE OF S ³⁵ SULFATE BY NERVOUS TISSUE ON THE RAT	
5 Stephen Cooper ACTION OF DIOXANE ON CARBOXYPEPTIDASE	

6 Marc Estrin FURTHER EXPERIMENTS ON THE PRODUCTION OF AMINO ACIDS UNDER POSSIBLE PRIMITIVE EARTH CONDITIONS

7 Peter John Gomas LEVELS OF OXIDIZED AND REDUCED DIPHOS-PHOPYRIDINE NUCLEOTIDE AND TRIPHOSPHOPYRIDINE NUCLEOTIDE IN HELA CELLS INFECTED IN TISSUE CULTURE WITH NEWCASTLE DISEASE VIRUS

8 Guido Guidotti STUDIES ON THE C-TERMINAL AMINO ACID OF HEMOGLOBIN

9 John J. Hutton STUDIES ON COLICINE K - THE PHYSIOLOGY OF E. COLI K###

10 Bruce S. McEwen TRANSFER OF PALMITATE FROM SERUM ALBUMIN TO RAT LIVER FRACTIONS

Summer 1960

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1 Harry S. Alwine, Jr. A QUANTITATIVE STUDY OF DNA CONCENTRATION IN NUCLEI OF THE LIVER AND SPLEEN OF LABORATORY RATS

2 Stephen Atherton IN VITRO STUDIES OF TOXIC FACTOR FROM LYMPH NODE CELLS OF BURNED RATS

3 John E. Bellis SERUM PROTEINS OF THE DOMESTIC PIGEON

4 Richard C. Blinkoff HEXOSAMINE AND GLUCURONIC ACID ANALYSIS IN VARIOUS BRAIN TISSUES

5 Merrill burr CHROMATOGRAPHIC SEPARATION OF COMMERCIAL GUANOSINE-51-TRIPHOSPHATE ON A DOWEX 1 x 10 COLUMN WITH 0.8 M to 1.6 M AMMONIUM FORMATE, pH 5, AND SUBSEQUENT TESTS

6 Paul T. Englund THE CRYSTALLIZATION AND CHROMATOGRAPHY OF YEAST PYROPHOSPHATASE

7 Joe Gally A STUDY OF THE PRODUCTS OF THE REACTION OF DIPHENYLAMINE WITH DEOXYRIBOSE, DEOXYBONUCLEIC ACID, AND FURFURYL ALCOHOL

8 Lorna Green DETERMINATION OF THE PYRIDINE NUCLEOTIDES IN ANIMAL TISSUE BY FLUORIMETRIC METHODS

9 John Hershey INULIN BIOSYNTHESIS - THE PURIFICATION OF FRUCTOKINASE

10 Bernard F. Mach FLUORIMETRIC DETERMINATION OF PYRIDINE NUCLEOTIDES

Summer 1961

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1 Robert B. Barlow Jr. INFRARED ANALYSIS OF KERATOSULFATE

2 William E. Bowers STUDIES ON THE TRYPSIN DIGESTION OF OVALBUMIN DENATURED BY HEAT AND UREA

3 Galeb E. Finch STUDIES ON THE β -D-GALACTOSIDASE INDUCIBLE STRAIN OF ESCHERICHIA COLI, K-12

4 J.D. Foch, Jr. PURIFICATION OF β -GALACTOSIDASE FROM E. COLI BY STARCH GEL ELECTROPHORESIS

5 Alexander Kessler AN ALBUMIN - FATTY ACID COMPLEX: HYDROLYSIS BY PEPSIN AND TRYPSIN

6 Steven W. Matthyse ENTHALPY OF ACTIVATION OF GLYCERALDEHYDE - 3 -PHOSPHATE DEHYDROGENASE

7 Lewis K. Nading THE EFFECT OF MARGIAL LEVELS OF BIOTIN AND AMMONIUM ON THE L-AMINO ACID OXIDASE AND THE FREE AMINO ACID POOL OF NEUROSPORA CRASSA

8 Norman Robbins AN ATTEMPT TO DETECT THE SYNTHESIS OF 3,4 DIHYDROXYPHENYLETHYLAMINE (DOPAMINE) IN MAMMALIAN SKIN

9 Leonard A. Sauer MITOCHONDRIAL MALIC DEHYDROGENASE INHIBITION BY ADENOSINE DIPHOSPHORIBOSE

10 Philip M. Seeman SALIVA PEROXIDASE

11 Gudrun D. Staub STARCH GEL ELECTROPHORESIS OF RAT AND FROG SERA

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2 Brian Clark CHARACTERIZATION OF E. COLI S-RNA ISOLATED BY USE OF STREPTOMYCIN SULFATE

3 Rosemary Faulkner AMINO ACID INCORPORATION BY MICROSOMES AND RIBOSOMES ISOLATED FROM RAT LIVER

4 Scott M. Grundy STUDIES ON ELECTROPHORETIC LIPORPROTEIN PATTERNS IN VARIOUS SPECIES

5 Alan M. Kapuler THE REGULATION OF ARGININE METABOLISM BY COORDINATE INDUCTION AND REPRESSION

6 Harvey Franklin Lodish AN INVESTIGATION OF THE KINETICS AND MECHANISM OF ENZYME CATALYZED MUTAROTATION

7 John Marchalonis A STUDY OF IN VITRO Ca^{++} ABSORPTION AND RELEASE BY INTACT TISSUE AND SEROSAL SHEETS FORMED FROM RAT INTESTINE

8 Frances Messik STUDIES ON THE ATP AND UTP CONTENT OF COSTAL CARTILAGE

9 Dan Rifkin THE COMPOSITION OF CHIMPANZEE HEMOGLOBIN

10 Alan B. Steinbach PRELIMINARY INVESTIGATIONS INTO THE CHEMICAL STRUCTURE OF RAT HEMOGLOBIN BY ABSORPTION SPECTROPHOTOMETRY

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2 A.H. Cass, Jr. WATER PERMEABILITY OF THIS LIPID MEMBRANES

3 Wm. Einer Gall KINETIC STUDIES ON AN ENZYME FROM CARTILAGE USING A VISCOMETRIC ASSAY

4 Vincent Hascall ENZYMATIC HYDROLYSIS OF ATP AND ITP BY RABBIT MUSCLE MYOSIN IN THE PRESENCE OF THE PURINE DERIVATIVES ADENINE, HYPOXANTHINE AND 6-MERCAPTO PURINE

5 Bertil Hille CATION ACTIVATION OF AN ERYTHROCYTE GHOST ATPASE

6 David I. Hirsh EFFECTS OF SALMINE AND ACTINOMYCIN D ON THE THERMAL DENATURATION OF DEOXYRIBONUCLEIC ACID

7 C. Donald Knight EXPERIMENTS WITH PROCEDURES FOR PURIFICATION OF ENOLASE ENZYME FROM BAKERS' YEAST AND ITS ACTIVATION IN THE PRESENCE OF METAL IONS

8 John K. Marshall APPLICATION OF THE SOMOGYI-NELSON METHOD TO PP-L AND ITS DERIVATIVES

9 Sanford R. Simon SOME PROPERTIES OF IGUANA
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10 Lee Van Lenten FRACTIONATION OF DEGRADED
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11 Charles Wahl THE INDUCTION OF THREONINE
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13 Robley C. Williams Jr. A STUDY OF THE LIPIDS
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2 Barbara Sue Andrews STUDIES OF A THIN-
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4 S. Cushman ATTEMPTED ISOLATION OF
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5 Lyndell Larsen DETERMINATION OF FATTY ACIDS IN
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3 Jack Bradbury THE PHOTORECEPTOR PIGMENTS IN
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4 Michael Chanowitz STUDY OF AN INFECTIOUS
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5 WILLIAM L.R. CRUCE PHOSPHATE MERABOLISM
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7 Bill Ensminger UBIQUINONE INTERACTION WITH
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8 Dave Herron THE REACTION OF MITOMYCIN C WITH
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17 Barry W. Peterson THE EFFECT OF HEAVY METAL
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19 Mary R. Rifkin SEPARATION OF TRYPTIC PEPTIDES
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20 Martin Spencer THE EFFECT OF
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7 Robert E. Johnston THE EFFECT OF POTASium ROCINOLEATE ON THE RESPIRATION OF CRAB NERVE	
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4 Bruce A. Diner IDENTIFICATION OF A FUNGUS
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6 N. Fedoroff HISTONE ACETYLATION IN ISOLATED
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7 Craig Fields RNA DETERMINATION IN LIVING CELLS
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9 L. Martin Jerry THE ISOLATION OF VASOPRESSIN
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4 A. Ross Kiestner SOME CHEMICAL AND BIOLOGICAL
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5 Edward E. Max A METHOD FOR DETERMINING THE
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2 Eve Ida Barak ISOLATION OF CHLOROPLAST
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3 John David Castle SOME CHARACTERIZATION OF AN
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4 Barry R. Dworkin A STEROID HORMONAL FACTOR
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8 Nell Harrell PSYCHOLOGICAL STRESS AND BRAIN NOREPINEPHRINE LEVEL	
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8 Jeffrey R. Powell ISOELECTRIC FOCUSING OF LYSOSOMAL PROTEINS	
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V. Iwanij NONIDENTICAL SUBUNITS OF
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N.E. Kagan TEMPERATURE INDUCED VARIATIONS
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R.M. y Lopez THE MIGRATION OF MEMBRANE
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E. Mahoney ATPASE AND 5'-NUCLEOTIDASE
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S. Mojsov MODIFICATION OF THE IMIDAZOL RING OF
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R. Piccioni KINETIC CHARACTERIZATION OF
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S. Rapoport SEXUAL DIFFERENCES IN BRAIN
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J.-D. Vassalli THYMIDINE KINASE ACTIVITY IN
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