



Merrifield (R. Bruce) papers

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English

Describing Archives: A Content Standard

Rockefeller Archive Center

15 Dayton Avenue

Sleepy Hollow 10591

archive@rockarch.org

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

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Summary Information

| | |
|----------------------------------|--|
| Repository: | Rockefeller Archive Center |
| Creator - aut: | Merrifield, Bruce (Robert Bruce) |
| Creator: | Rockefeller University |
| Title: | R. Bruce Merrifield papers, Rockefeller University Faculty |
| ID: | FA415 |
| Date [inclusive]: | 1935-2009 |
| Physical Description: | 157.17 Cubic Feet 411 document boxes |
| Language of the Material: | English |

Preferred Citation

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

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Biographical / Historical

Robert Bruce Merrifield, known as Bruce, was born on July 15, 1921 in Fort Worth, Texas. His family moved to California in 1923, and Merrifield graduated from Montebello High School in 1939. He attended Pasadena Junior College and the University of California, Los Angeles (UCLA), graduating with a degree in chemistry in 1943. In 1944, he returned to UCLA for graduate school, conducting his thesis research under the supervision of Max S. Dunn. He received his PhD in 1949, married Elizabeth "Libby" Furlong the day after his graduation, and moved to New York City to take up a fellowship in the laboratory of D. Wayne Woolley at the Rockefeller Institute for Medical Research the day after his wedding.

Merrifield's work in Woolley's lab included synthesizing peptides, a process that could take months or even years. In 1959, Merrifield proposed an idea for what would eventually become the process of solid phase peptide synthesis to Woolley, who gave him permission to experiment. In 1962, Merrifield published an article establishing solid phase peptide synthesis (SPPS) as a less time-consuming alternative to old peptide synthesis methods. During his tenure at Rockefeller, Merrifield devoted much

of his time and research to continued exploration of solid phase peptide synthesis, and many students and colleagues joined him to expand his investigations.

Merrifield was awarded the Lasker Basic Medical Research Award in 1969, was elected as a member of the National Academy of Sciences in 1972, and received the Nobel Prize in Chemistry in 1984 for "his development of methodology for chemical synthesis on a solid matrix."

R. Bruce Merrifield passed away on May 14, 2006.

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Scope and Contents

The bulk of the collection documents R. Bruce Merrifield's tenure at the Rockefeller University, and includes biographical materials, correspondence, laboratory notes and notebooks, and manuscripts and reprints. The collection includes files related to some of Merrifield's students and colleagues, and includes a small portion of D. Wayne Woolley materials.

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Arrangement

The collection is arranged into seven distinct series based on subject matter and media:

Series 1, Biographical Materials

Series 2, Correspondence

Series 3, Subject Files

Series 4, Laboratory Files

Series 5, Manuscripts and Publications

Series 6, Talks, Trips, and Commitments

Series 7, Audio-Visual and Oversized

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File Plan

Former Classification: I 450 M552

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Administrative Information

Publication Statement

Rockefeller Archive Center

15 Dayton Avenue

Sleepy Hollow 10591

archive@rockarch.org

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

Processing Information

Processing completed December 2016 by Bethany J. Antos.

Conditions Governing Access

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Controlled Access Headings

- Peptides
- Proteins -- Synthesis
- Chemistry

Collection Inventory

Biographical Materials

Arrangement

Arranged alphabetically.

| Title/Description | Instances | |
|---|-----------|--------------|
| Autobiography | box 1 | folder 1-4 |
| | box 2 | folder 5-7 |
| Autobiography, Last Typed Original | box 2 | folder 8 |
| Autobiography, Outline | box 3 | folder 9 |
| Autobiography, Revisions | box 3 | folder 10 |
| Autobiography, Seeman's Computer Printout that I Corrected and Sent Back, 1988 September 23 | box 3 | folder 11 |
| Autobiography, Various Edited Versions by Seeman and Westheimer | box 3 | folder 12 |
| Bibliography | box 4 | folder 13-14 |

Scope and Contents

Folder 14 includes: "Automated Solid Phase Synthesis of Thymosin" by Wang, Makofske, Bach, and Merrifield "The Mechanism of Thiolytic Removal of the Dithiasuccinoyl Amino Protecting Group" by Barany "Multi-Detachable Resin Supports for Solid Phase Fragment Synthesis" by Tam, Tjoeng, and Merrifield

| | | |
|---------------------------------------|-------|-----------|
| Bibliography, 2002 | box 4 | folder 15 |
| Bibliography, 2003 | box 4 | folder 16 |
| Bibliography and C.V., 2003 | box 4 | folder 17 |
| Biographical Information and Articles | box 4 | folder 18 |

Biographies and Clippings

| | | |
|---|-------|--------------|
| | box 4 | folder 20 |
| Biographical Notes | box 4 | folder 19 |
| Biographies and Clippings | box 4 | folder 20 |
| Biography | box 4 | folder 21 |
| Biography | box 5 | folder 22 |
| Calendars, 1984-1986/1989 | box 5 | folder 23 |
| Calendars, 1991-1994 | box 5 | folder 24 |
| Calendars, 1995-1997 | box 5 | folder 25 |
| Consultantships | box 5 | folder 26 |
| Curriculum Vitae | box 5 | folder 27 |
| Curriculum Vitae | box 6 | folder 28 |
| First Version Edited by Seeman, Autobiography | box 6 | folder 29 |
| Lasker | box 6 | folder 30 |
| "News and Notes" | box 6 | folder 31 |
| "News and Notes", 1984-1985 | box 6 | folder 32 |
| Nobel Prize, 1984 | box 6 | folder 33-34 |
| Nobel Prize Lecture, 1984 | box 6 | folder 35 |
| Old Bibliography | box 6 | folder 36 |
| Personal | box 6 | folder 37 |

Scope and Contents

Includes: Press Conference Materials, "The Rockefeller University and Merck Sharp & Dohme Research Laboratories" Biography of Robert Bruce Merrifield Biography of Bernd Gutte Press Release, "First Total Synthesis of an Enzyme Announced Simultaneously by Rockefeller University and Merck Sharp & Dohme Laboratories Scientists" Press Release, "Background on Synthesis of Ribonuclease" Biography Brief on Dr. Ralph F. Hirschmann

| | | |
|--------------------------------|-------|-----------|
| Photographs | box 6 | folder 38 |
| Photographs, Colleagues | box 6 | folder 39 |
| Photographs, Laboratory | box 6 | folder 40 |
| Photographs, Nobel Prize, 1984 | box 6 | box 41 |
| Photographs, Portraits | box 6 | box 42 |
| Profiles | box 7 | folder 43 |

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|--|-------|-----------|
| "Research Profile," Spring 1985 | box 7 | folder 44 |
| Rockefeller University Genealogy/Family Tree | box 7 | folder 45 |
| Seeman - Chapter for August, Autobiography | box 7 | folder 46 |
| "Summary of Achievements of R.B. Merrifield", 1994 | box 7 | folder 47 |
| Unlabeled Folder, Autobiography | box 7 | folder 48 |

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Correspondence

Arrangement

Arranged alphabetically.

| Title/Description | Instances | |
|-----------------------|-----------|--------------|
| A | box 7 | folder 49 |
| A-Ac | box 7 | folder 50 |
| Active Correspondence | box 8 | folder 51 |
| Ad-Ak | box 8 | folder 52 |
| Al | box 8 | folder 53 |
| Am | box 8 | folder 54 |
| American | box 8 | folder 55-56 |
| An | box 9 | folder 57 |
| Andreu | box 9 | folder 58 |
| Ap-Az | box 9 | folder 59 |
| Arshady | box 9 | folder 60 |
| A to Z Miscellaneous | box 9 | folder 61 |
| B | box 9 | folder 62 |
| B-Bal | box 9 | folder 63 |
| Bar | box 9 | folder 64 |
| Bas-Bay | box 10 | folder 65 |
| Baserga, Renato | box 10 | folder 66 |
| Be | box 10 | folder 67 |
| Bead Sorter COPAS | box 10 | folder 68 |
| Beckman | box 10 | folder 69 |

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|---|--------|--------------|
| Benedetti | box 10 | folder 70 |
| Bhargava | box 10 | folder 71 |
| Bi-BI | box 10 | folder 72 |
| "Biochemistry" | box 10 | folder 73 |
| "Biochemistry" | box 10 | folder 73A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Biron | box 10 | folder 74 |
| Bo | box 11 | folder 75 |
| Boman | box 11 | folder 76-77 |
| Boman and KabiGen | box 11 | folder 78 |
| Br-By | box 11 | folder 79 |
| Bronk | box 11 | folder 80 |
| Bronk | box 11 | folder 80A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Burley | box 11 | folder 81 |
| C | box 12 | folder 82 |
| Ca-Cat | box 12 | folder 83 |
| Cal Tech | box 12 | folder 84 |
| Caporale | box 12 | folder 85 |
| Cathay Award, 2000 | box 12 | folder 86 |
| Ce-Cl | box 12 | folder 87 |
| Centennial, 2001 | box 12 | folder 88 |
| Chandra | box 12 | folder 89 |
| Chillemi | box 12 | folder 90 |
| "Chinese Chemical Letters" | box 12 | folder 91 |
| Choppin | box 12 | folder 92 |
| CIBA | box 12 | folder 93 |
| City of New York Parks and Recreation | box 12 | folder 94 |

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| Co-Cz | box 13 | folder 95-96 |
| Colgate University | box 13 | folder 97 |
| COPE Award | box 13 | folder 98 |
| Cowburn | box 13 | folder 99 |
| Cowburn, NIMR | box 13 | folder 100 |
| CPS 2000 (6th Chinese Peptide Symposium) | box 13 | folder 101 |
| CREMONA Fund | box 13 | folder 102 |
| Crowley Book | box 13 | folder 103 |
| D | box 13 | folder 104 |
| | box 14 | folder 105-106 |
| de Duve | box 14 | folder 107 |
| De Grado | box 14 | folder 108 |
| de Lencastre | box 14 | folder 109 |
| Di Marchi | box 14 | folder 110 |
| Djerassi | box 14 | folder 111 |
| DNA Technology Center | box 14 | folder 112 |
| Dow Chemical Company | box 14 | folder 113 |
| Drell | box 14 | folder 114 |
| Dunn | box 14 | folder 115 |
| E | box 14 | folder 116-117 |
| E.I. du Pont de Meours and Co. | box 15 | folder 118 |
| Eaker | box 15 | folder 119 |
| Eiger | box 15 | folder 120 |
| Enamelon | box 15 | folder 121 |
| Erdős | box 15 | folder 122 |
| Erickson | box 15 | folder 123 |
| F | box 15 | folder 124-127 |
| FASEB (Federation of American Societies for Experimental Biology) | box 16 | folder 128 |
| Felix | box 16 | folder 129 |
| Ferrofluidics | box 16 | folder 130 |

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| Flanagan | box 16 | folder 131 |
| Floyd | box 16 | folder 132 |
| Fruton | box 16 | folder 133 |
| G | box 16 | folder 134-135 |
| | box 17 | folder 136-137 |
| Gairdner Foundation | box 17 | folder 138 |
| Gordon Research Conference | box 17 | folder 139 |
| Guillemin | box 17 | folder 140 |
| Gutte | box 17 | folder 141 |
| H | box 17 | folder 142 |
| | box 18 | folder 143-146 |
| Hansen | box 19 | folder 147 |
| Hill, David | box 19 | folder 148 |
| Hirschmann, Ralph F., Correspondence, 2001 | box 19 | folder 149 |
| Hodges | box 19 | folder 150 |
| Hou, Jian-Min | box 19 | folder 151 |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Houghten, Richard A. | box 19 | folder 152 |
| Hruby | box 19 | folder 153 |
| Hudson | box 19 | folder 154 |
| Huguenin | box 19 | folder 155 |
| I | box 19 | folder 156-157 |
| | box 20 | folder 158 |
| International Journal of Peptide and Protein Research | box 20 | folder 159 |
| Izumi | box 20 | folder 160 |
| J | box 20 | folder 161-162 |
| Job Candidates, 1970-1979 | box 21 | folder 163 |
| Job Candidates, 1980-1987 | | |

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| | box 21 | folder 164 |
| Job Requests | box 21 | folder 165 |
| Journal of the American Chemical Society | box 21 | folder 166 |
| Journal of Medical Chemistry | box 21 | folder 167 |
| Journal of Organic Chemistry | box 21 | folder 168 |
| Journal of Peptide Research | box 21 | folder 169 |
| Journal of Solid-Phase Biochemistry | box 22 | folder 170 |
| K | box 22 | folder 171-173 |
| Kaiser | box 22 | folder 174 |
| Kamen | box 22 | folder 175 |
| Kapoor | box 22 | folder 176 |
| Kelly | box 22 | folder 177 |
| Kenner Bakerian Lecture | box 23 | folder 178 |
| Knight | box 23 | folder 179 |
| Knobler | box 23 | folder 180 |
| Kobayashi | box 23 | folder 181 |
| Kreeger | box 23 | folder 182 |
| Kubiak | box 23 | folder 183 |
| Kunkel | box 23 | folder 184 |
| Kuriyan | box 23 | folder 185 |
| L | box 23 | folder 186-189 |
| Lasker Awards | box 24 | folder 190 |
| Lederberg | box 24 | folder 191 |
| Lederberg to Merrifield | box 24 | folder 192 |
| <u>Conditions Governing Access:</u> Conditions Governing Access | | |
| Folder restricted - contains closed materials. | | |
| Lehrer | box 24 | folder 193 |
| Lerner | box 24 | folder 194 |
| Levine | box 24 | folder 195 |
| Libby's List of Colleagues, 2002 | box 24 | folder 196 |

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| Live | box 24 | folder 197 |
| M | box 24 | folder 198-199 |
| | box 25 | folder 200-202 |
| Magainin | box 25 | folder 203 |
| Mailing List, 9th European Peptide Symposium | box 25 | folder 204 |
| Mailing Lists | box 25 | folder 205 |
| Manatt | box 25 | folder 206 |
| Mantell | box 25 | folder 207 |
| Marinsky (Gordon Conference) | box 25 | folder 208 |
| Martin | box 26 | folder 209 |
| Mécs, Imre | box 26 | folder 210 |
| Meinhofer | box 26 | folder 211 |
| Miscellaneous Mail, 1952-1970s | box 26 | folder 212 |
| Mitchell | box 26 | folder 213 |
| Mojsov, Svetlana, Correspondence, 2001 | box 26 | folder 214 |
| Moore | box 26 | folder 215 |
| Muir | box 27 | folder 216 |
| N | box 27 | folder 217-221 |
| National Academy of Sciences | box 28 | folder 222-224 |
| National Patent Development Corporation | box 28 | folder 225 |
| National Science Foundation | box 28 | folder 226 |
| Nobel Prize, 2001-2002 | box 28 | folder 227 |
| Novo-Norodisk | box 28 | folder 228 |
| Nurse | box 28 | folder 229 |
| O | box 29 | folder 230 |
| Office of the President | box 29 | folder 231 |
| Ovchinnikov | box 29 | folder 232 |
| P | | |

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| | box 29 | folder 233-235 |
| | box 30 | folder 236 |
| Patchornik | box 30 | folder 237 |
| Paull (Immuno-Augmentative Therapy) | box 30 | folder 238 |
| "Peptide Research" | box 30 | folder 239 |
| Pieczenik | box 30 | folder 240 |
| PNAS (Proceedings of the National Academy of Sciences) | box 30 | folder 241 |
| Porath | box 30 | folder 242 |
| Q | box 30 | folder 243 |
| Scope and Contents | | |
| Includes: Woolley correspondence | | |
| R | box 31 | folder 244-247 |
| | box 32 | folder 248 |
| Ragnarsson | box 32 | folder 249 |
| Reactive Polymers | box 32 | folder 250 |
| Reeke and Search Committee | box 32 | folder 250-251 |
| <u>Conditions Governing Access:</u> | | |
| Conditions Governing Access | | |
| Folder restricted - contains closed materials. | | |
| Robinson | box 33 | folder 253-254 |
| Rockefeller University | box 33 | folder 255 |
| S | box 33 | folder 256 |
| | box 34 | folder 257-261 |
| | box 35 | folder 262-263 |
| Sakmar | box 35 | folder 264 |
| Satterthwait | box 35 | folder 265 |
| Schwarz Synthesizer | box 35 | folder 266 |
| Seitz | box 35 | folder 267 |
| Shai | box 35 | folder 268 |
| Sloan-Kettering Institute for Cancer Research | | |

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| | box 35 | folder 269 |
| Stark | box 36 | folder 270 |
| Stein-Moore | box 36 | folder 271 |
| T | box 36 | folder 272-274 |
| Tam | box 36 | folder 275 |
| | box 37 | folder 276-281 |
| | box 38 | folder 282 |
| To File | box 38 | folder 283-284 |
| Tuition | box 38 | folder 285 |
| U | box 38 | folder 286 |
| UCLA (University of California, Los Angeles) | box 39 | folder 287 |
| Unfolded Correspondence | box 39 | folder 288-289 |
| Unfolded Correspondence | box 39 | folder 289A |
| Unfolded Correspondence, 2000-2004 | box 39 | folder 290 |
| | box 40 | folder 291-294 |
| | box 41 | folder 295-296 |
| Unlabeled Folder | box 41 | folder 297-298 |
| Unlabeled Folder, 1984-1985 | box 42 | folder 299 |
| V | box 42 | folder 300-301 |
| Varshavsky | box 42 | folder 302 |
| Vega | box 42 | folder 303 |
| W | box 42 | folder 304 |
| | box 43 | folder 305-306 |
| Wang, Chang Yi, United Biomedical | box 43 | folder 307 |
| Warshawsky, Abraham | box 43 | folder 308 |
| "Who's Who" | box 43 | folder 309 |
| Wiesel | box 44 | folder 310 |
| Wolf Prize | | |

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| | box 44 | folder 311 |
| Woolley | box 44 | folder 312 |
| X | box 44 | folder 313 |
| Y | box 44 | folder 314 |
| Z | box 44 | folder 315 |
| Zabriskie (Callisto Pharmaceuticals) | box 44 | folder 316 |
| Zahn | box 44 | folder 317 |

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Subject Files

Arrangement

Arranged alphabetically.

| Title/Description | Instances | |
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| II A, Non-Swelling Polymers, References | box 44 | folder 318 |
| II A, PEG, References | box 44 | folder 319 |
| II B, Protecting Groups, Variables for Removal of N# and Side Chains, References | box 44 | folder 320 |
| II B, Specific Protecting Groups for N# and Side Chains, References | box 45 | folder 321 |
| II C, Removal from Linkers, References | box 45 | folder 322 |
| II C, Catalyzed H ₂ Pd ₀ , References | box 45 | folder 323 |
| II D, Activation and Coupling Reagents, Activation Methods, References | box 45 | folder 324 |
| II D, Cause and Correction, Text and Notes, References | box 45 | folder 325 |
| II D, Coupling, Monitor Coupling Rates, References | box 45 | folder 326 |
| II D, Coupling to Salt, References | box 45 | folder 327 |
| II D, References | box 45 | folder 328 |
| II E, Deprotection: Cleavage, References | box 46 | folder 329 |
| II F, Racemization, References | box 46 | folder 330 |
| II F, Side Reactions, References | box 46 | folder 331 |
| II G, Purification, References | box 46 | folder 332 |
| III, Apparatus, References | box 46 | folder 333 |
| III D, Large Scale Synthesis, References | box 46 | folder 334 |

| | | |
|---|--------|-------------------|
| III F, Purification, Characterization, Identification, References | box 46 | folder 335 |
| IV A-F, Multiple Synthesis on...Columns Membranes, References | box 46 | folder 336 |
| V A, Cyclic Peptides, References | box 46 | folder 337 |
| V B, S-S Bonds, References | box 46 | folder 338 |
| V C, Amino Acid Derivatives, References | box 46 | folder 339 |
| V D, Pseudopeptide, References | box 46 | folder 340 |
| V F, Glycopeptides, References | box 47 | folder 341 |
| V H, Synthetic Vaccines, References | box 47 | folder 342 |
| V J, Oligosaccharides, References | box 47 | folder 343 |
| V K, Nucleotides, References | box 47 | folder 344 |
| V L, PNA (Peptide Nucleic Acids), References | box 47 | folder 345 |
| V M, Other Uses of SPS, References | box 47 | folder 346 |
| 80th Birthday Symposium, 2001 | box 47 | folder 347 |
| ACS (American Chemical Society) Award, 1972 | box 47 | folder 348 |
| Active Files, 2000 | box 47 | folder 349 |
| Ad (Adenylate) Cyclase and Binding Assays | box 48 | folder 350 |
| Aldehydes and Double Bonds | box 48 | folder 351 |
| Allfrey, Proteins into Nucleus | box 48 | folder 352 |
| Alpha 1 Biomedicals | box 48 | folder 353 |
| Alpha 1 Biomedicals, Inc. | box 48 | folder 354 |
| Alteon | box 48 | folder 355-358 |
| Alteon Scientific Advisory Meeting, 1994 | box 49 | folder 359 |
| American Chemical Society, National Historic Chemical Landmark | box 49 | folder 360 |
| Amphipathic Helix, Conformation | box 49 | folder 361 |
| Antibacterial Peptides | box 49 | folder 362 |
| Antibodies | box 49 | folder 363 |
| Applied Biosystems, Inc. | box 49 | folder 364 |
| | box 50 | folder 365-367 |
| Assay Protocol, 1984-2007 | box 50 | folder 368 |
| Atrix | | |

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| | box 51 | folder 369-372 |
| | box 52 | folder 373-375 |
| | box 53 | folder 376-379 |
| | box 54 | folder 380-384 |
| | box 55 | folder 385-387 |
| | box 56 | folder 388-391 |
| | box 57 | folder 392-395 |
| | box 58 | folder 396-399 |
| | box 59 | folder 400-402 |
| | box 60 | folder 403-404 |
| Atrix/Vipont | box 60 | folder 405 |
| Availability of Space for Reactive Sites in Resins | box 60 | folder 406 |
| Beckman | box 60 | folder 407 |
| | box 61 | folder 408 |
| Beckman Scintillation Counter | box 61 | folder 409 |
| Bioassay Analysis | box 61 | folder 410 |
| Biosensors (Unson) | box 61 | folder 411 |
| Bivalent Ligands | box 61 | folder 412 |
| Blocking Unreacted Chains, 1962-1968 | box 61 | folder 413 |
| Bulletins on Special Reagents | box 61 | folder 414 |
| Burke (Wyatt, Gerber, Burke, and Badie - Patents) | box 61 | folder 415 |
| Butyloxycarbonyl Amino Acid Data | box 61 | folder 416 |
| Catalytic Antibodies | box 61 | folder 417 |
| Catalytic Antibody Plans and Reprints | box 61 | folder 418 |
| Catalytic Antibody Reprints | box 62 | folder 419 |
| CD Analysis | box 62 | folder 420 |
| CD Data on Glucagon | box 62 | folder 421 |

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| CD ORD Tam (Circular Dichroism) | box 62 | folder 422 |
| Cecropin | box 62 | folder 423 |
| Cecropin A(1-33) Figures and Data | box 63 | folder 424 |
| Cecropin, All Recent Cecropin Data | box 63 | folder 425 |
| Cecropin Data to be Sorted | box 63 | folder 426 |
| Cecropin, Inventories and Summaries | box 63 | folder 427 |
| Cecropin-Melittin | box 63 | folder 428 |
| | box 64 | folder 429-431 |
| Cecropin, Miscellaneous Cecropin Data | box 64 | folder 432 |
| Cecropin, Miscellaneous Correspondence | box 64 | folder 433 |
| Cecropin, New Cecropin Experiments to be Done, 1997 | box 64 | folder 434 |
| Cecropin Papers | box 64 | folder 435 |
| Cecropin, Plans for Experiments | box 64 | folder 436 |
| Cecropin, Recent Cecropin Plans, Data, etc., 1992-1996 | box 65 | folder 437 |
| Center for Advanced Biotechnology and Medicine | box 65 | folder 438-439 |
| Centocor | box 65 | folder 440 |
| Chemistry (Faculty) | box 65 | folder 441 |
| Chemistry Search Committee | box 66 | folder 442 |
| China | box 66 | folder 443 |
| Chloromethylation | box 66 | folder 444 |
| Chou-Fasman Conformation, etc. | box 66 | folder 445 |
| C-M-14 Paper, Affinity Chromatography, 1973 | box 66 | folder 446 |
| Combinatorial High-Throughput | box 66 | folder 447 |
| Computer Graphics (Directions) | box 66 | folder 448 |
| Conductance, Experiment in Dr. Olaf S. Aandersen's Lab, Traces | box 66 | folder 449 |
| Conformation, Swelling, Aggregation | box 66 | folder 450 |
| Cross, George A.M. | box 67 | folder 451 |
| C-Terminal Hemoglobin # | box 67 | folder 452 |
| Cytochrome C | box 67 | folder 453 |
| Deprotection of Glu(OB21), 1972-1973 | box 67 | folder 454 |
| Depsipeptides | | |

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| | box 67 | folder 455-456 |
| Desacetylthymosin #1 | box 67 | folder 457 |
| Diagonal Methods, 1961-1967 | box 67 | folder 458 |
| Diffusion (Comparison of Diffusion and Coupling Reaction Rates) | box 67 | folder 459 |
| Dinucleotides | box 68 | folder 460-461 |
| Disaster Plan | box 68 | folder 462 |
| Disulfide-RNase Problem, 1971-1972 | box 68 | folder 463 |
| D-Peptides, Channels | box 68 | folder 464 |
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| Experiment to Avoid Aggregation, 2001 | box 70 | folder 475 |
| Experimental Procedures | box 71 | folder 476 |
| Faculty Administration | box 71 | folder 477 |
| Felix, Cecropin B, Roche | box 71 | folder 478 |
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| Film, "The Chemical Synthesis of Proteins" | box 71 | folder 480 |
| Film, "The Chemical Synthesis of Proteins" | box 71 | folder 480 |
| Film, "Enzyme Footage" | box 71 | folder 481 |
| Film, "Enzyme Footage" | box 71 | folder 481 |
| Fluorescence Experiment | box 71 | folder 482 |
| Formal Trp Refs (Formyl/Tryptophan References) | box 71 | folder 483 |
| Fourth Enzyme Mechanisms Conference, San Juan, Puerto Rico, 1975 January 3-5 | box 71 | folder 484 |
| Genetic Design, Inc. | box 71 | folder 485 |
| Genome Project | box 71 | folder 486 |
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| | box 72 | folder 488-489 |
| Glucagon Antagonists | box 72 | folder 490 |
| Glucagon - Bill | box 72 | folder 491 |
| Glucagon CD Analysis | box 73 | folder 492 |
| Glucagon - Hruby - Current Status and Plans for Future, 1985 September 11 | box 73 | folder 493 |
| Glucagon Receptors | box 73 | folder 494 |
| Glucagon References, Design of Hormone Analogs VI | box 73 | folder 495 |
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Includes: "Automated Solid-Phase Organic Synthesis in Micro-Plate Wells. Synthesis of N-(Alkoxy-Acyl)Amino Alcohols" by Krchnák, Weichsel, Lebl, and Felder "Cocrystal Structure of the Messenger RNA 5' Cap-Binding Protein (eIF4E) Bound to 7-methyl-GDP" by Marcotrigiano, Gingras, Sonenberg, and Burley "Solid-Phase Synthesis of Artificial #-Sheets" by Holmes, Smith, and Nowick "A Novel Algorithm for the Coupling Control in Solid Phase Peptide Synthesis" by Bagno, Biciato, Dettin, and Di Bello "Some 'Difficult Sequences' Made Easy: A Study of Interchain Association in Solid-Phase Peptide Synthesis" by Johnson, Owen, Quibell, and Sheppard "UBA1: An Essential Yeast Gene Encoding Ubiquitin-Activating Enzyme" by McGrath, Jentsch, and Varshavsky "Cis-trans Recognition and Subunit-Specific Degradation of Short-Lived Proteins" by Johnson, Gonda, and Varshavsky "The Recognition Component of the N-end Rule Pathway" by Bartel, Wüning, and Varshavsky "Cloning and Functional Analysis of the Arginyl-tRNA⁰protein Transferase Gene ATE1 of *Saccharomyces cerevisiae*" by Balzi, Choder, Chen, Varshavsky, and Goffeau "In Vivo Degradation of a Transcriptional Regulator: The Yeast #2 Repressor" by Hochstrasser and Varshavsky "Secondary Structure of Src Homology 2 Domain of c-abl by heteronuclear NMR Spectroscopy in Solution" by Overduin, Mayer, Rios, Baltimore, and Cowburn "Three Dimensional Solution Structure of the Src Homology 2 Domain of c-Alb" by Overduin, Rios, Mayer, Baltimore, and Cowburn "Synthesis of ¹³C- and ¹⁵N-labelled tert-Butoxycarbonyl (Boc) Glycines and Glycine Amides as Precursors and Simple Models of Backbone-labelled Peptides" by Grehn, Bondesson, Pehk, and Ragnarsson "Direct Synthesis of N-Protected Chiral Amino Acids from Imidodicarbonates Employing Either Mitsunobu or Triflate Alkylation. Feasibility Study Using Lactate with Particular Reference to ¹⁵N-Labeling" by Degerbeck, Fransson, Grehn, and Ragnarsson "Synthesis of ¹⁵N-Labelled Chiral Boc-Amino Acids from Triflates: Enantiomers of Leucine and Phenylalanine" by Degerbeck, Fransson, Gregh, and Ragnarsson "Synthesis, Properties and Use of Nitridotricarbonic Acid Tri-tert-Butyl Ester" by Degerbeck, Grehn, and Ragnarsson "Disulfide Bond Formation using Silylchloride-Sulfoxide System for the

Synthesis of Cystine-Peptide" by Akaji, Tatsumi, Yoshida, Kimura, Fujiwara, and Kiso "Synthesis and Biological Activities of Atrial Natriuretic Polypeptide Analogs" by Kiso, Shimokura, Hosoi, Fujisaki, Fujiwara, and Yoshida "Synthesis and Characterization of Bivalent Peptide Ligands Targeted to G-Protein-Coupled Receptors" by Carrithers and Lerner "Quantitative Analysis of Amino Acids on Merrifield Resin by Microwave Hydrolysis" by Yu, Chen, Chiou, and Wang "The Four-Component Condensation (4CC): A New Versatile Method for the Synthesis of Substituted Prolyl Peptides" by Nutt and Joullié [Reprint in Russian, "#####

#####"] A Micromethod for Complete Removal of Dodecyl Sulfate from Proteins by Ion-Pair Extraction" by Henderson, Oroszlan, and Konigsberg "An Amphiphilic Structure of the Ninth Component of Human Complement: Evidence from Analysis of Fragments Produced by #-Thrombin" by Biesecker, Gerard, and Hugli "Accelerated Chemical Synthesis of Peptides and Small Proteins" by Miranda and Alewood "Antimetabolites: A Review" by Shaw "Incorporation of Glutamine Repeats Makes Protein Oligomerize: Implications for Neurodegenerative Diseases" by Stott, Blackburn, Butler, and Perutz "Solvent and Reagent Accessibility within Oligo(ethyleneglycol) Cross-linked Polystyrene Beads" by Wilson, Paech, Zhou, and Kurth "Diversomer Libraries: An Approach to Non-Peptide, Non-Oligomeric Chemical Diversity" by Dewitt, Kiely, Stankovic, Schroeder, Cody, and Pavia "Purification and Characterization of a Novel Zinc-Proteinase from Cultures of *Aeromonas hydrophila*" by Loewy, Santer, Wieczorek, Blodgett, Jones, and Cheronis "Solid Phase Peptide Synthesis" by Sheppard "Total Chemical Synthesis of Human Activin #A [12-116] and Related Large Loop Polypeptides" by Deah, Allen, Clay, Warner, and Hearn "Antibody Remodeling: A General Solution to the Design of a Metal-Coordination Site in an Antibody Binding Pocket" by Roberts, Iverson, Iverson, Benkovic, Lerner, Getzoff, and Tainer "Mutation of a Conserved Cysteine in the X-Linked Cone Opsins Causes Color Vision Deficiencies by Disrupting Protein Folding and Stability" by Kazmi, Sakmar, and Ostrer "Time-Resolved Spectroscopy of the Early Photolysis Intermediates of Rhodopsin Schiff Base Counterion Mutants" by Jäger, Lewis, Zvyaga, Szundi, Sakmar, and Kliger "The Steric Trigger in Rhodopsin Activation" by Shieh, Han, Sakmar, and Smith "Chromophore Structural Changes in Rhodopsin from Nanoseconds to Microseconds Following Pigment Photolysis" by Jäger, Lewis, Zvyaga, Szundi, and Sakmar "Partial Agonist Activity of 11-cis-Retinal in Rhodopsin Mutants" by Han, Lou, Nakanishi, Sakmar, and Smith "Properties of Early Photolysis Intermediates of Rhodopsin are Affected by Glycine 121 and Phenylalanine 261" by Jäger, Han, Lewis, Szundi, Sakmar, and Kliger "The C9 Methyl Group of Retinal Interacts with Glycine-121 in Rhodopsin" by Han, Groesbeek, Sakmar, and Smith "AMD3100, A Small Molecule Inhibitor of HIV-1 Entry

via the CXCR4 Co-Receptor" by Donzella, Schols, Lin, Esté, Nagashima, Maddon, Allaway, Sakmar, Henson, De Clercq, and Moore "Rhodopsin: A Prototypical G Protein-Coupled Receptor" by Sakmar "Amino-Terminal Substitutions in the CCR5 Coreceptor Impair gp120 Binding and Human Immunodeficiency Virus Type 1 Entry" by Dragic, Trkola, Lin, Nagashima, Kajumo, Zhao, Olson, Wu, Mackay, Allaway, Sakmar, Moore, and Maddon "Role of the C9 Methyl Group in Rhodopsin Activation: Characterization of Mutant Opsins with the Artificial Chromophore 11-cis-9-Demethylretinal" by Han, Groesbeek, Smith, and Sakmar "Tinkering with Enzymes: What Are We Learning?" by Knowles "Cleavage and Deprotection of MBHA-Resin Peptides with Hydrogen Bromide" by Wang, Wang, Hughes, Leopold, Wu, Tam, and Merrifield "Macromolecular Assemblage in the Design of a Synthetic AIDS Vaccine" by Deefort, Nardelli, Huang, Ho, and Tam "Characterization of Sulfated Glucuronic Acid Containing Glycolipids Reacting with IgM M-Proteins in Patients with Neuropathy" by Ariga, Kohriyama, Freddo, Latov, Saito, Kon, Ando, Suzuki, Hemling, Rinehart, Jr., Kusunoki, and Yu "Molecular Cloning, Sequencing, and Expression of an α_2 -Adrenergic Receptor Complementary DNA from Rat Brain" by Chalberg, Duda, Rhine, and Sharma "Protein Structure Determination in Solution by Nuclear Magnetic Resonance Spectroscopy" by Wüthrich "Voltage Gating of Conductance in Lipid Bilayers Induced by Porin from Outer Membrane of *Neisseria gonorrhoeae*" by Mauro, Blake, and Labarca "Automated Solid-Phase Peptide Synthesis" by Erickson, Lukas, and Prystowsky "Challenging the Three-Dimensional Structure of Ribosomes" by Yonath and Wittmann "The Allosteric Three-Site Model for the Ribosomal Elongation Cycle: Features and Future" by Nierhaus "Effect of Nucleotide Substitution on the Peptidyltransferase Activity of 2'(3')-O-(Aminoacyl) Oligonucleotides" by Tezuka and Chl#dek "Combined Solid Phase/Solution Synthesis of a 31-Residue Vasoactive Intestinal Peptide Analog" by Felix, Zhao, Lambros, Ahmad, Liu, Daniewski, Michalewsky, and Heimer "Novel Amine Chemistry Based on DMAP-Catalyzed Acylation" by Ragnarsson and Grehn "SPOCC: A Resin for Solid Phase Organic Chemistry and Enzymatic Reactions on Solid Phase" by Rademann, Grötli, Melsal, and Bock "Expressed Protein Ligation: A General Method for Protein Engineering" by Muir, Sondhi, and Cole "Solution Structures of Fc#RI #-Chain Mimics: A #-hairpin Peptide and Its Retroenantiomer" by McDonnell, Fushman, Cahill, Sutton, and Cowburn "Cyclic Peptides from Linear Unprotected Peptide Precursors through Thiazolidine Formation" by Botti, Pallin, and Tam "Potent, Long-Acting Bradykinin Antagonists for a Wide Range of Applications" by Stewart, Gera, Chan, Whalley, Hanson, and Zuzack "Synthesis and Expression of Synthetic Genes: Applications to Structure-Function Studies of Receptors" by Carruthers and Sakmar "Characterization of Rhodopsin Mutants that Bind Transducin but Fail to Induce GTP Nucleotide Uptake" by Ernst, Hofmann, and Sakmar

"Photoactivated State of Rhodopsin and How It Can Form" by Fahmy, Siebert, and Sakmar "Characterization of Deletion and Truncation Mutants of the Rat Glucagon Receptor" by Unson, Cypess, Kim, Goldsmith, Carruthers, Merrifield, and Sakmar "Properties and Photoactivity of Rhodopsin Mutants" by Sakmar and Fahmy "Antibodies against Specific Extracellular Epitopes of the Glucagon Receptor Block Glucagon Binding" by Unson, Cypess, Wu, Goldsmith, Merrifield, and Sakmar "Characterization of the Mutant Visual Pigment Responsible for Congenital Night Blindness: A Biochemical and Fourier-Transform Infrared Spectroscopy Study" by Zvyaga, Fahmy, Siebert, and Sakmar "Specific Tryptophan UV-Absorbance Changes are Probes of the Transition of Rhodopsin to Its Active State" by Lin and Sakmar "The Effects of Amino Acid Replacements of Glycine 121 on Transmembrane Helix 3 of Rhodopsin" by Han, Lin, Smith, and Sakmar "Functional Interaction of Transmembrane Helices 3 and 6 in Rhodopsin" by Han, Lin, Minkova, Smith, and Sakmar "Spectroscopic Evidence for Altered Chromophore-Protein Interactions in Low-Temperature Photoproducts of the Visual Pigment Responsible for Congenital Night Blindness" by Fahmy, Zvyaga, Sakmar, and Siebert "Rhodopsin Activation Blocked by Metal-Ion-Binding Sites Linking Transmembrane Helices C and F" by Sheikh, Zvyaga, Lichtarge, Sakmar, and Bourne "The Chemist's Magic Bullets: Selectivity as a Guiding Principle in Biomedical Research" by Witkop "Reproductive Endocrine and Endometrial Effects of Raloxifene Hydrochloride, a Selective Estrogen Receptor Modulator, in Women with Regular Menstrual Cycles" by Baker, Draper, Paul, Allerheiligen, Grant, Shifren, and Jaffe "A Controlled Trial of Raloxifene (LY139481) HCl: Impact on Bone Turnover and Serum Lipid Profile in Healthy Postmenopausal Women" by Draper, Flowers, Huster, Neild, Harper, and Arnaud "Selective Estrogen Receptor Modulators and Postmenopausal Women's Health" by Hol, Cox, Bryant, and Draper "Effects of Raloxifene on Bone Mineral Density, Serum Cholesterol Concentrations, and Uterine Endometrium in Postmenopausal Women" by Delmas, Bjarnason, Mitlak, Ravoux, Shah, Huster, Draper, and Christiansen "Raloxifene and Estrogen: Comparative Bone-Remodeling Kinetics" by Heaney and Draper "Effects of Raloxifene Hydrochloride on the Endometrium of Postmenopausal Women" by Boss, Huster, Neild, Glant, Eisenhut, and Draper "Secondary Structures of Proteins and Peptides in Amphiphilic Environments (A Review)" by Kaiser and Kézdy "Inhibition of the N-end Rule Pathway in Living Cells" by Baker and Varshavsky

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HF Procedure for Synthesizing High Molecular Weight Peptides" by Chino, Kumagaye, Masui, Kimura, and Sakakibara "Modified Polystyrenes: Effects of Pendant Functional Groups on Thermal Stability" by Bhatti, Davies, Dollimore, and Sood "DRIFT Study of Functional Group Interconversions on Modified Polystyrenes" by Davies and Sood "Making Antibodies without the Antigens" "Derivation and Diversification of Monoclonal Antibodies (Nobel Lecture)" by Köhler "The Generative Grammar of the Immune System (Nobel Lecture)" by Jerne "Comparison of Reversed-Phase and Cation-Exchange for High-Performance Liquid Chromatography for Separating Closely Related Peptides: Separation of ASP76-Human Parathyroid Hormone (1-84) from ASN76-Human Parathyroid Hormone (1-84)" by Kumagaye, Takai, Chino, Kimura, and Sakakibara "Molecular Level Fabrication Techniques and Molecular Electronic Devices" by Carter "The Molecular Device Computer: Point of Departure for Large Scale Cellular Automata" by Carter "Protein Thiolation and Reversible Protein-Protein Conjugation" by Carlsson, Drevin, and Axén "Renaturation of Soluble and Immobilized Ribonuclease: Are the Polypeptide Folding Pathways for Structure Formation the Same for Soluble Proteins and for Proteins Associated with a Surface?" by Janolino, Swaisgood, and Horton "The Kinetics of Ion Exchange Processes" by Soldano "Robotic Orchestration of Organic Reactions: Yield Optimization via an Automated System with Operator-Specified Reaction Sequences" by Frisbee, Nanta, Kramer, and Fuchs "Aromatic-Aromatic Interaction: A Mechanism of Protein Structure Stabilization" by Burley and Petsko "Vaccines for the Third World" by Leeper "Production and Use of Antibodies against Synthetic Peptides" by Walter "Prediction of the Secondary Structure of Proteins from their Amino Acid Sequence" by Chou and Fasman "General Method for the Rapid Solid-Phase Synthesis of Large Numbers of Peptides: Specificity of Antigen-Antibody Interaction at the Level of Individual Amino Acids" by Houghten "Synthesis of Galanin, a New Gastrointestinal Polypeptide" by Yajima, Futaki, Rujii, Akaji, Funakoshi, Sakurai, Katakura, Inoue, Hosotani, Tobe, Segawa, Inoue, Tatemoto, and Mutt "Application of S-1-Adamantylcysteine to the Synthesis of a 37-Residue Peptide Amide corresponding to Human Calcitonin Gene-related Peptide (hCGRP)" by Fujii, Yajima, Otaka, Funakoshi, Nomizu, Akaji, Yamamoto, Torizuka, Kitagawa, Akita, Ando, Kawamoto, Shimonishi, and Takao "Electrostatic Interactions in Sperm Whale Myoglobin" by Garcia-Moreno, Chen, March, Gurd, and Gurd "Aliphatic Semisynthetic Variants of the Amino-Terminal Residue of Sperm Whale Myoglobin: Enrichment with ¹³C and Determination and Interpretation of Terminal pK Values" by Busch, Maskalick, Neireiter, Harris, and Gurd "Application of Nin-Mesitylenesulfonyl-tryptophan for the Syntheses of Neuromedin B and Neuromedin C" by Fujii, Futaki, Akaji, Yajima, Inoue, and Segawa "Synthesis of a 42 Residue Peptide Corresponding to the Entire Amino Acid Sequence of Human GIP" by Yajima, Fujii,

Akaji, Sakurai, Nomizu, Mizuta, Aono, Moriga, Inoue, Hosotani, and Tobe "Synthesis of a Tripentacontapeptide with Epidermal Growth Factor Activity" by Akaji, Fujii, Yajima, Hayashi, Mizuta, Aono, and Moriga "3-(3-p-Methoxybenzylthiopropionyl)-thiazolidine-2-thione and Its Analogs as Reagents for the Introduction of the Mercapto Group into Peptides and Proteins" by Fujii, Akaji, Hayashi, and Yajima "Synthesis of the Protected Tetracosapeptide Corresponding to Positions 30-53 of Mouse Epidermal Growth Factor (EGF)" by Akaji, Fujii, and Yajima "Application of New Heterobifunctional Crosslinking Reagents for the Preparation of Neurokinin (A and B)-BSA (Bovine Serum Albumin) Conjugates" by Fujii, Hayashi, Katakura, Akaji, Yajima, Inouye, and Segawa "40 Years of Peptide Chemistry at a Max-Planck-Institute" by Wünsch "Human Immunoglobulin G1 Hinge Region: Synthesis of Related Peptides and Their Conformational Features" by Moroder, Bovermann, and Wünsch "A New Reagent for the Preparation of Glycoconjugates" by Moroder "Stimulation of Guanylate Cyclase Activity by Irreversible Binding of Atrial Natriuretic Peptide to Its Receptor" by Iwasa, Furuyama, Hayashi, and Ohnuma "The Polyamide Method of Solid Phase Peptide and Oligonucleotide Synthesis" by Atherton, Gait, Sheppard, and Williams ""New Procedures in Solid Phase Synthesis. Use of Fluorenylmethoxycarbonyl Amino-Acids for peptide Synthesis on Polydimethylacrylamide Supports in Stepwise and Fragment Condensation Strategies" by Atherton, Sheppard, and Williams "Chemical Synthesis of Peptides and Proteins" by Kent "Structure/Function Analysis of Synthetic/Recombinant Derivatives of Transforming Growth Factor-Alpha" by Defeo-Jones, Tai, Wgrzyn, Vuocolo, Vaker, Payne, Garsky, Oliff, and Riemen "Solid-Phase Synthesis of Porcine Carkiodilatin 88 (pCDD 88)" by Nokihara and Semba "Regiospecific Synthesis of #-Hydroxybutenolide. Photosensitized Oxygenation of Substituted 2-Trimethylsilylfuran" by Katsumura, Hori, Fujiwara, and Isoe "The DNA Repair Gene RAD6 Encodes a Ubiquitin-Conjugating Enzyme" by Jentsch, McGrath, and Varshavsky "The Yeast Polyubiquitin Gene is Essential for Resistance to High Temperatures, Starvation, and Other Stresses" by Finley, Özkaynak, and Varshavsky "In Vivo Half-Life of a Protein is a Function of Its Amino-Terminal Residue" by Bachmair, Finley, and Varshavsky "The Yeast Ubiquitin Genes: A Family of Natural Gene Fusions" by Özkaynak, Finley, Solomon, and Varshavsky "Electrophoretic Assay for DNA-Binding Proteins" by Varshavsky "Post-Separation Detection of Nucleic Acids and Proteins by Neutron Activation" by Snapka, Kwok, Bernard, Harling, and Varshavsky "Enhancement of Immunoblot Sensitivity by Heating of Hydrated Filters" by Swerdlow, Finley, and Varshavsky

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 "Synthetic Peptide Antagonists of Glucagon" by Unson, Andreu, Gurzenda, and Merrifield
 "Symmetrical Anhydride Rearrangement Leads to Three Different Dipeptide Products" by Benoiton and Chen
 "High-Performance Liquid Chromatography of Epimeric N-protected Peptide Acids and Esters for Assessing Racemization" by Benoiton, Lee, Liberek, Steinauer, and Chen
 "¹H n.m.r. Long-Range Coupling in 2,4-Disubstituted-5(4H)-oxazolones and 4-Alkyl-5(2H)-oxazolones Generated Therefrom by the Action of Triethylamine" by Chen and Benoiton
 "Mixed Carboxylic-Carbonic Acid Anhydrides of Acylamino Acids and Peptides as a Convenient Source of 2,4-dialkyl-5(4H)-oxazolones" by Chen, Slebioda, and Benoiton
 "Racemization of Acylamino Acids and the Carboxy-terminal Residue of Peptides" by Chen and Benoiton
 "Racemization during Aminolysis of Mixed and Symmetrical Anhydrides of N-Alkoxy-carbonylamino Acids by Amino Acid Anions in Aqueous Dimethylformamide" by Benoiton, Lee, and Chen
 "Isopropyl Chloroformate as a Superior Reagent for Mixed Anhydride Generation and Couplings in Peptide Synthesis" by Benoiton, Lee, and Chen
 "A New Segment Synthesis of #-Inhibin-92 by the Acyl Disulfide Method" by Yamashiro and Li

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| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
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| Fan Feinberg Felix Fink Fitzpatrick Fleischer Floyd Fook Fox Franchini | | |
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| Galantino Galardy Gisin Goissis Gurzenda Gutte | | |
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| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
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| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
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| Personnel Files, L | box 153 | folder 1023-1025 |
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| Scope and Contents Macaulay Macdonald McNichol Makov Marglin Marshall Martin Meyer-Glauner Miller Mitchell Murphy | | |
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| Personnel Files, N | box 155 | folder 1031 |
| Scope and Contents Najjar Nardelli Ng | | |
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| Personnel Files, R | box 155 | folder 1033-1034 |
| Scope and Contents Ragnarsson Rao Ray Riemen Robinson Rosberger Rosenzweig Rotondi Ryabtsev | | |
| Personnel Files, R | box 155 | folder 1034A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
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| Scope and Contents Sadarangani Sang Sapse Sharma Shen Singer Slotboom Spetzler Steel Stewart | | |
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| Personnel Files, T | box 155 | folder 1037-1038 |
| Scope and Contents Tam Teplan Tjoeng Tuan | | |
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| Personnel Files, U | box 156 | folder 1039 |

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Personnel Files, V

box 156

folder 1040

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Vizioli Volin Voss Vunnam

Personnel Files, V

box 156

folder 1040A

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Folder restricted - contains closed materials.

Personnel Files, W

box 156

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box 157

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1044-1045

Personnel Files, W

box 157

folder 1045A

Conditions Governing Access:**Conditions Governing Access**

Folder restricted - contains closed materials.

Personnel Files, Y

box 157

folder 1046

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Yang Ye Yoo Yoshida

Personnel Files, Y

box 157

folder 1046A

Conditions Governing Access:**Conditions Governing Access**

Folder restricted - contains closed materials.

Personnel Files, Z

box 157

folder 1047

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Zhang Zhao

Personnel Files, Z

box 157

folder 1047A

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Progress Report, 1991

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| Uhrik v. Rockefeller | box 160 | folder 1065 |
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| #106, 1976 | box 269 | folder 1710 |
| #107-#109, 1976 | box 269 | folder 1711 |
| #110, 1976 | box 269 | folder 1712 |
| #111-#112, 1977 | box 269 | folder 1713 |

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| #113, 1977 | box 269 | folder 1714 |
| #114-#115, 1977 | box 270 | folder 1715 |
| #116-#118, 1977 | box 270 | folder 1716 |
| #119-#120, 1977 | box 270 | folder 1717 |
| #121, 1978 | box 270 | folder 1718 |
| #122-#123, 1978 | box 270 | folder 1719 |
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| #126, 1978 | box 271 | folder 1721 |
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| #128-#129, 1979 | box 271 | folder 1723 |
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| #131-#133, 1979 | box 271 | folder 1725 |
| #133-#137, 1979 | box 271 | folder 1726 |
| #138-#139, 1979 | box 272 | folder 1727 |
| #140-#142, 1979 | box 272 | folder 1728 |
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| #146, 1980 | box 273 | folder 1732 |
| #147-#149, 1980 | box 273 | folder 1733 |
| #150, 1981 | box 273 | folder 1734 |
| #151-#154, 1981 | box 273 | folder 1735 |
| #155-#156, 1981 | box 273 | folder 1736 |
| #157, 1981 | box 274 | folder 1737 |
| #158-#159, 1981 | box 274 | folder 1738 |
| #161-#163, 1982 | box 274 | folder 1739 |
| #164-#167, 1983 | box 274 | folder 1741 |
| #171, 1983 | box 275 | folder 1742 |
| #172-#174, 1983 | box 275 | folder 1743 |
| #175-#176, 1983 | box 275 | folder 1744 |
| #177-#183, 1983 | box 275 | folder 1745 |
| #184-#185, 1984 | box 275 | folder 1746 |

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| #186, 1985 | box 275 | folder 1747 |
| #187-#191, 1984-1985 | box 276 | folder 1748 |
| #192-#193, 1984 | box 276 | folder 1749 |
| #194-#202, 1984-1987 | box 276 | folder 1750 |
| #203-#205, 1985-1986 | box 276 | folder 1751 |
| #206-#207, 1986-1987 | box 277 | folder 1752 |
| #208-#214, 1986 | box 277 | folder 1753 |
| #215-#217, 1986 | box 277 | folder 1754 |
| #218-#219, 1987 | box 277 | folder 1755 |
| #220-#222, 1986-1987 | box 278 | folder 1756 |
| #223-#224, 1987 | box 278 | folder 1757 |
| #225-#226, 1987-1988 | box 278 | folder 1758 |
| #226-#230, 1987-1988 | box 278 | folder 1759 |
| #231-#232, 1987-1989 | box 279 | folder 1760 |
| #233-#234, 1988 | box 279 | folder 1761 |
| #235-#238, 1988 | box 279 | folder 1762 |
| #238-#240, 1988 | box 279 | folder 1763 |
| #241-#243, 1989 | box 280 | folder 1764 |
| #244, 1989 | box 280 | folder 1765 |
| #244, #246, #252 | box 280 | folder 1766 |
| #245-#246, 1989 | box 280 | folder 1767 |
| #247-#249, 1988-1989 | box 280 | folder 1768 |
| #250 | box 281 | folder 1769 |
| #251-#252, 1989 | box 281 | folder 1770 |
| #253, 1991 | box 281 | folder 1771 |
| #254 A | box 282 | folder 1772 |
| #254 B | box 282 | folder 1773 |
| #256-#257, 1990 | box 282 | folder 1774 |
| #259-#261, 1990-1991 | box 282 | folder 1775 |
| #262-#268, 1990-1992 | box 283 | folder 1776 |
| #269-#270 | box 283 | folder 1777 |
| #271-#272, 1992 | box 283 | folder 1778 |

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| #274-#276, 1993-1994 | box 283 | folder 1779 |
| #277-#285, 1992-1995 | box 284 | folder 1780 |
| #286-#294, 1994 | box 284 | folder 1781 |
| #295, 1995 | box 284 | folder 1782 |
| #296-#298, 1994-1996 | box 284 | folder 1783 |
| #299 | box 285 | folder 1784 |
| #300 | box 285 | folder 1785 |
| #303, 1997 | box 285 | folder 1786 |
| #304, 1995 | box 285 | folder 1787 |
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| #308, 1996 | box 286 | folder 1790 |
| #309, 1997 | box 286 | folder 1791 |
| #310, 1997 | box 286 | folder 1792 |
| #311, 1997 | box 286 | folder 1793 |
| #312-#317 | box 286 | folder 1794 |
| #318-#319 | box 287 | folder 1795 |
| #322 | box 287 | folder 1796 |
| The Journal of Peptide Research: Structure activity... melittin hybrids | box 287 | folder 1796 |
| MS Word 5.1 for Macintosh - Retro/RBM | box 287 | |
| #323 | box 287 | folder 1797 |
| #324, 1999 | box 287 | folder 1798 |
| #325 | box 287 | folder 1799 |
| #326 | box 287 | folder 1800 |
| #328, 2001 | box 287 | folder 1801 |
| #329, 1999 | box 287 | folder 1802 |
| #323, 2000 | box 287 | folder 1803 |
| | box 288 | folder 1804 |
| #330 | box 288 | folder 1805 |
| #330a-e | | |

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| | box 288 | folder 1806-1810 |
| Molecular Clocks - Robinson, NE and Robinson AB Computer Disk | box 288 | folder 1807 |
| "I. Synthesis and Photochemical Addition Reactions of Compounds Related to a 3-Carboxycyclohexenone, II. Photochemical Cyclization of 5-Hexenal" by Lowrance, 1970 | box 288 | folder 1811 |
| " ¹³ C and ¹⁵ N Nuclear Magnetic Resonance Studies on Amino Acids and Peptides" by Sogn, 1973 | box 288 | folder 1812 |
| [¹⁴ C] DCC (Dicyclohexylcarbodiimide) | box 289 | folder 1813 |
| 1970 Yearbook, McGraw-Hill | box 289 | folder 1814 |
| "The #-Phenacyl Ester as a Temporary Protecting Group to Minimize Cyclic Imide Formation during Subsequent Treatment of Aspartyl Peptides with HF1,2" by Yang and Merrifield | box 289 | folder 1815 |
| Abstracts, 2nd American Peptide Symposium | box 289 | folder 1816 |
| Abstracts Not Presented at 3rd American Peptide Symposium | box 289 | folder 1817 |
| "Active-Site Structure and Substrate Recognition in Protein Kinases" by Miller, 1988 | box 289 | folder 1818 |
| Adv. Enzymol. 1969 ("Solid Phase Peptide Synthesis" by Merrifield) | box 289 | folder 1818 |
| Alewood | box 289 | folder 1820 |
| Alewood | box 289 | folder 1820A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| All In Final Write-Up, 2003 | box 290 | folder 1821 |
| Andreu, Discontinuous Antigens | box 290 | folder 1822 |
| Andreu, PNAS | box 290 | folder 1823 |
| Andreu, PNAS | box 290 | folder 1823A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Angiotensin #235 and #242. Copies of HPLC | box 290 | folder 1824 |
| Annual Review of Biochemistry | box 290 | folder 1825 |
| Antibacterial Peptides | box 290 | folder 1826 |
| Apamin | box 290 | folder 1827 |

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| Apparatus for the Automated Synthesis of Peptides | box 291 | folder 1828 |
| Articles Used in SPPS (Solid Phase Peptide Synthesis) Chapter, Gutte | box 291 | folder 1829-1832 |
| Automated Peptide Synthesis | box 291 | folder 1833 |
| Automated Synthesis of Peptides | box 292 | folder 1834-1835 |
| The Automatic Synthesis of Proteins | box 292 | folder 1836 |
| Barany, George | box 292 | folder 1837-1839 |
| Barany, PNAS | box 293 | folder 1840 |
| Barany, PNAS | box 293 | folder 1840A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Barany, George, and R. Bruce Merrifield, "Solid-Phase Peptide Synthesis", 1979 | box 293 | folder 1841 |
| Beckman "Fractions" Article | box 293 | folder 1842 |
| Before Solid Phase Peptide Synthesis | box 293 | folder 1843 |
| "Beiträge zur Synthese und Analyse von Peptiden an Vernetzten Polymeren Trägern" by Birr, 1976 | box 293 | folder 1844 |
| Binder, C. Unson | box 294 | folder 1845 |
| "Biophysical Chemistry," Special Issue in Honour of John T. Edsall, 2003 | box 294 | folder 1846 |
| "Biopolymers: Remembering Bruce Merrifield", 2006-2008 | | |

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| | box 294 | folder 1847-1850 |
| | box 295 | folder 1851-1857 |
| | box 296 | folder 1858-1862 |
| | box 297 | folder 1863-1867 |
| | box 298 | folder 1868-1871 |
| | box 299 | folder 1872-1875 |
| | box 300 | folder 1876-1878 |
| | box 301 | folder 1879 |
| "The Biosynthesis of Thyroxine" by Yip, 1962 | box 301 | folder 1880 |
| Blackburn | box 301 | folder 1881 |
| Blackburn | box 301 | folder 1881A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Bo | box 301 | folder 1882 |
| Boffa, Carpaneto, and Allfrey, PNAS | box 301 | folder 1883 |
| Boffa et al., PNAS | box 301 | folder 1884 |
| Boffa et al., PNAS | box 301 | folder 1884A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Bradykinin Reprints | box 301 | folder 1885 |
| Bradykininylbradykinin | box 302 | folder 1886 |
| Burley, X-Ray | box 302 | folder 1887 |
| C&E News Articles | box 302 | folder 1888 |
| C Gen , 1971 | box 302 | folder 1889 |
| CA-Me Hybrids, Old Copies, Wade | box 302 | folder 1890 |
| "The Calcium Binding Protein of the Chick Chorioallantoic Membrane" by Tuan | box 302 | folder 1891 |

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| Cecille's Glucagon-NMR Project | box 302 | folder 1892 |
| Cecropin ("Synthesis of the Antibacterial Peptide Cecropin A (1-33)") | box 303 | folder 1983 |
| Cecropin (partial), 1984 | box 303 | folder 1894 |
| Cecropin A (1-33) Artwork | box 303 | folder 1895 |
| "The Chemical Structure and Biological Activities of Concanavalin A" by Wang, 1973 | box 303 | folder 1896 |
| "The Chemical Synthesis of Model Catalysts Related to Enzymes" by Hershey, 1963 | box 303 | folder 1897 |
| "The Chemical Synthesis of Peptides: A Select Bibliography", 2000 | box 303 | folder 1898 |
| Chemistry Notes, Papers, for the Proteomic and Innate Ab Problems | box 303 | folder 1899 |
| Chillemi Manuscript | box 303 | folder 1900 |
| "Chlorotrimethylsilane-Phenol for Selective Deprotection of the N ^ε -tert- Butyloxycarbonyl Group in Solid Phase Peptide Synthesis" by Kaiser et al., Draft | box 303 | folder 1901 |
| Christensen | box 303 | folder 1902 |
| "Chromatography, A Century of Discovery, 1900-2000," edited by Gehrke, Wixom, and Bayer | box 304 | folder 1903 |
| Cited AB Reprints | box 304 | folder 1904 |
| "Citryl Phosphate and the Mechanism of the Citrate Cleavage Reaction" by Walsh, 1969 | box 304 | folder 1905 |
| Commitments, 1984 June | box 304 | folder 1906 |
| Comp Graphics | box 304 | folder 1907 |
| "Comparative Biochemistry of Drug-Binding Proteins in the Calmodulin/S100 Family" by Marshak, 1983 | box 305 | folder 1908 |
| "Competitive Inhibition of a Strepogenin-Active Peptide by Related Peptides" by Merrifield | box 305 | folder 1909 |
| "The Concept and Early Development of Solid Phase Peptide Synthesis" by Merrifield | box 305 | folder 1910 |
| The Concept and Early Development of Solid Phase Peptide Synthesis Master File, Copy of Corrected Page Proofs, 1993 | box 305 | folder 1911 |
| "Conformational Studies of the Peptide Antibiotic Polymyxin B by Nuclear Magnetic Resonance" by Bockman, 1971 | box 305 | folder 1912 |
| "Convergent Synthesis of Dolastatin 15 by Solid Phase Coupling of N-methylamino Acid" by Akaji et al. | box 306 | folder 1913 |
| COOH-Terminal Peptides | box 306 | folder 1914 |
| Copy 2, Illustrations | | |

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| | box 306 | folder 1915 |
| Copy 3, Illustrations | box 306 | folder 1916 |
| "Couplage Covalent Reversible de la Daunorubicine et de la Primaquine a des Proteines: Application a une Chimiotherapie plus Selective du Cancer et de la Malaria" by Masquelier, 1981 | box 306 | folder 1917 |
| Cowburn and Muir | box 306 | folder 1918 |
| Cowburn and Muir | box 306 | folder 1918A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Cruciani, PNAS | box 306 | folder 1919 |
| Cruciani, PNAS | box 306 | folder 1919A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Cypress, Unson, Sakmar, 1999 | box 307 | folder 1920 |
| Disk | box 307 | folder 1920 |
| Defoort, PNAS | box 307 | folder 1921 |
| Defoort, PNAS | box 307 | folder 1921A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| De Novo | box 307 | folder 1922 |
| "Detection of a Peptide Epitope of the MUC2 Tandem Repeat with a Mouse Monoclonal Antibody" by Gambus et al. | box 307 | folder 1923 |
| "Detection of a Peptide Epitope of the MUC2 Tandem Repeat with a Mouse Monoclonal Antibody" by Gambus et al. | box 307 | folder 1924 |
| "The Determination of a Proline in Protein Hydrolysates with Lactobacillus Brevis" by Dunn, McClure, and Merrifield, 1948 | box 307 | folder 1925 |
| "Developing Models and Methods to Study DNA-Protein Noncovalent Binding Interactions" by Walters | box 307 | folder 1926 |
| "Dielectric Properties of Proteins" by Kirschner, 1967 | box 307 | folder 1927 |
| Don't Use - Beckman Symposium, 1985 | box 307 | folder 1928 |
| Draft for Kinetics, 1985 February 20 | box 307 | folder 1929 |
| Drafts of Papers II and III | box 307 | folder 1930 |

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| Durrah, Tracy L., Protocols for Assays | box 308 | folder 1930 |
| Early Drafts | box 308 | folder 1932 |
| Engelhard | box 308 | folder 1933 |
| Engelhard | box 308 | folder 1933A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Epand, PNAS | box 308 | folder 1934 |
| Epand, PNAS | box 308 | folder 1934A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Erickson, Bruce W. | box 308 | folder 1935-1936 |
| | box 309 | folder 1937 |
| Erickson Reprints | box 309 | folder 1938 |
| "Experiments on the Synthesis and Spectral Characterization of Cytochrome-Related Molecules" by Robinson, 1967 | box 309 | folder 1939 |
| Extra Figures and Tables | box 309 | folder 1940 |
| Extra Xeroxes of Photos and Figures | box 309 | folder 1941 |
| Fahmy et al., PNAS | box 310 | folder 1942 |
| Fahmy et al., PNAS | box 310 | folder 1942A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Fehlbaum | box 310 | folder 1943 |
| Felix Manuscript, Azides | box 310 | folder 1944 |
| Figures | box 310 | folder 1945 |
| Figures and Tables and Slides | box 310 | folder 1946 |
| Fox, "Immunoabsorbent Columns: Preparation and Use" | box 310 | folder 1947 |
| Furlong | box 310 | folder 1948 |
| Galley Proofs | box 310 | folder 1949 |
| Gastrinl, Tam | box 311 | folder 1950 |

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| Glass, PNAS | box 311 | folder 1951 |
| Glass, PNAS | box 311 | folder 1951A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| GB-RBM (George Barany and R. Bruce Merrifield, "Solid-Phase Peptide Synthesis"), 1979 | box 311 | folder 1952 |
| Glass Thesis | box 311 | folder 1953 |
| Glucagon | box 311 | folder 1954 |
| Glucagon Antagonists, China | box 312 | folder 1955 |
| Glucagon Citations, SciFinder Scholar | box 312 | folder 1956 |
| Glucagon Conformation | box 312 | folder 1957 |
| Glucagon Paper, Unson and Mojsov | box 312 | folder 1958 |
| Glucagon Photographs | box 312 | folder 1959 |
| Glucagon Project | box 312 | folder 1960 |
| Glucagon Receptor Activates Extracellular | box 312 | folder 1961 |
| Glucagon References | box 313 | folder 1962 |
| Glucagon References Conformation II | box 313 | folder 1963 |
| Glucagon References NMR II | box 313 | folder 1964 |
| Glucagon Reprints | box 313 | folder 1965-1966 |
| Glucagon Reprints, 1981-1983 | box 313 | folder 1967 |
| Glucagon Report, Murphy | box 313 | folder 1968 |
| Glucagon Review | box 314 | folder 1969 |
| Glycolaldehyde for PNAS, Acharya and Manning | box 314 | folder 1970 |
| Glycolaldehyde for PNAS, Acharya and Manning | box 314 | folder 1970A |
| Glycyl-L-aspartyl-L-seryl-glycine | box 314 | folder 1971 |
| Gund, Semisynthesis, PNAS | box 314 | folder 1972 |
| Gund, Semisynthesis, PNAS | box 314 | folder 1972A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Gutte and Merrifield, Ribonuclease A | box 314 | folder 1973 |

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| Gutte Reviews | box 314 | folder 1974 |
| Harvey Lecture | box 314 | folder 1975 |
| Heath, William F., Jr., Thesis, "A Synthetic Approach to the Structure-Function Relationships in the Murine Epidermal Growth Factor Molecule", 1986 | box 315 | folder 1976 |
| "High Strepogenin Potency of Synthetic Oxytocin and of Purified Vasopressin" by Woolley and Merrifield | box 315 | folder 1977 |
| Histone Drafts | box 315 | folder 1978 |
| "The History of Peptide Chemistry" | box 315 | folder 1979 |
| "The History of Protein Synthesis" | box 315 | folder 1980 |
| | box 316 | folder 1981-1984 |
| | box 317 | folder 1985 |
| "The History of Protein Synthesis," Drafts | box 317 | folder 1986-1987 |
| Hoffman, PNAS | box 317 | folder 1988 |
| Hoffman, PNAS | box 317 | folder 1988A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Hopp Manuscript, PNAS | box 317 | folder 1989 |
| Hopp Manuscript, PNAS | box 317 | folder 1989A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Houghten | box 317 | folder 1990 |
| Houghten, PNAS | box 318 | folder 1991 |
| Houghten, PNAS | box 318 | folder 1991A |
| <u>Conditions Governing Access:</u> Conditions Governing Access Folder restricted - contains closed materials. | | |
| Hruby, PNAS | box 318 | folder 1992 |
| Hruby, PNAS | box 318 | folder 1992A |
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| I | box 318 | folder 1993 |
| IF Reviews | box 318 | folder 1994 |
| Immunology - Old Version ("Specificity of Antibodies Elicited by a Synthetic Peptide having a Sequence in Common with a Fragment of a Virus Protein - the Hepatitis B Surface Antigen" by Neurath, Kent, and Strick | box 318 | folder 1995 |
| "Immunoprecipitation of Some Forms of Simian Virus 40 Large-T Antigen by Antibodies to Synthetic Peptides" by Paucha, Harvey, and Smith | box 318 | folder 1996 |
| "Improvements and Extensions of the Solid Phase Peptide Method" by A.R. Mitchell, 1973 | box 318 | folder 1997 |
| "Inhibition of the Classical Complement Pathway by Synthetic Peptides from the C#2 Domain of Immunoglobulin G" by Prystowsky, 1978 | box 318 | folder 1998-1999 |
| "Innate Antibody Project" | box 318 | folder 2000 |
| Insulin | box 319 | folder 2001 |
| Insulin, Katsoyannis | box 319 | folder 2002 |
| Insulin, Zahn | box 319 | folder 2003 |
| "Investigations of Amino Acids, Peptides, and Proteins" (XIX-XXVIII) | box 319 | folder 2004 |
| Interferon Abstract, Heidelberg | box 319 | folder 2005 |
| Intra-Science | box 319 | folder 2006 |
| "Isolation and Determination of Structure of a Peptide with Strepogenin Activity" | box 319 | folder 2007 |
| "The Isolation and Determination of Structure of Peptides with Strepogenin Activity I. Serylhistidylleucylvalylglutamic Acid and Serylhistidylleucylvalylglutamylalanylleucine from Insulin" by Merrifield and Woolley | box 319 | folder 2008 |
| The Isolation of A and B Chain Sulfonates of Insulin by Countercurrent Distribution | box 319 | folder 2009 |
| J | box 319 | folder 2010 |
| Jennings and Kemp, PNAS | box 319 | folder 2011 |
| Jennings and Kemp, PNAS | box 319 | folder 2011A |

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| Jimmy's Corrections on Emil's Paper (and Francis) | box 320 | folder 2012 |
| Journal of the American Medical Association, Lasker | box 320 | folder 2013 |
| Journal of Peptide Research | box 320 | folder 2014 |
| Journals | box 320 | folder 2015 |
| Jung, Günther | box 320 | folder 2016 |
| K | box 320 | folder 2017 |
| Kaiser | box 320 | folder 2018 |
| | box 321 | folder 2019-2020 |
| Kaiser | box 321 | folder 2020A |

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| Kaiser, Emil | box 321 | folder 2021-2022 |
| Kaiser, Emil, 1984 October 2 | box 321 | folder 2023 |
| Kaiser, Emil, CTMS (Chlorotrimethylsilane) New Data, 1987 November 9 | box 322 | folder 2024 |
| Kaiser Manuscript ("Chlorotrimethylsilane-Phenol as a Selective Deprotection Reagent for the N [#] -Butyloxycarbonyl Group in Solid Phase Peptide Synthesis") | box 322 | folder 2025 |
| Kaiser Reprints | box 322 | folder 2026 |
| Kaiser Silanolate | box 322 | folder 2027 |
| Katsoyannis, PNAS | box 322 | folder 2028 |
| Katsoyannis, PNAS | box 322 | folder 2028A |

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| Kemp, PNAS | box 322 | folder 2029-2030 |
| Kemp, PNAS | box 322 | folder 2030A |

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| Kent, RNase | box 322 | folder 2031 |
| Khan, Shabbir, PNAS | box 323 | folder 3032 |
| Khan, Shabbir, PNAS | box 323 | folder 2032A |

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| King, T.P., Melittin | box 323 | folder 2033 |
| Krstenansky, PNAS | box 323 | folder 2034 |
| Kubiak | box 323 | folder 2035 |
| L | box 323 | folder 2036 |
| Lab Reprints | box 323 | folder 2037-2038 |
| Lerner | box 323 | folder 2039 |
| Library (of) Medicine Prints | box 324 | folder 2040 |
| Ligation and Fragment Synthesis, VI A1#D.5 | box 324 | folder 2041 |
| "Lithium-Salt Effects in Peptide Synthesis, Park II" by Thaler, Seebach, and Cardinaux | box 324 | folder 2042 |
| Live, David - NMR - Resin Proposal | box 324 | folder 2043 |
| "Local Sequence and Folding: The #-Turn as a Role Model" by Rotondi, 2002 | box 324 | folder 2044 |
| M | box 325 | folder 2045-2046 |
| Magazine Articles: Meetings, etc. | box 325 | folder 2047 |
| Manning, PNAS | box 325 | folder 2048 |
| Manning, PNAS | box 325 | folder 2048A |

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| Meek, James L. | box 325 | folder 2049 |
| Meek, James L. | box 325 | folder 2049A |

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| Meinhofer Old Version, 1994 | box 325 | folder 2050 |
| Merrifield, R.B., "History of Protein Synthesis" | box 326 | folder 2051 |
| Merrifield, R.B., "History of Protein Synthesis," Thieme Materials | box 326 | folder 2052 |
| Microbiological Publications of M.S. Dunn | box 326 | folder 2053 |
| Mitsuya and Tager, PNAS | box 326 | folder 2054 |
| Mitsuya and Tager, PNAS | box 326 | folder 2054A |

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| "Modeling the Ion Channel Structure of Cecropin" by Durrell, Raghunathan, and Guy | box 326 | folder 2055 |
| Mojsov, PNAS | box 326 | folder 2056 |
| Mojsov, PNAS | box 326 | folder 2056A |
| "Molecular Determinants of Glucagon Receptor Signaling" by Cecilia G. Unson | box 326 | folder 2057 |
| My Reviews | box 326 | folder 2058 |
| N | box 326 | folder 2059 |
| National Institute of General Medical Sciences, 1969 | box 327 | folder 2060 |
| NGF (Nerve Growth Factor) Paper | box 327 | folder 2061 |
| Neurath and Kent, PNAS | box 327 | folder 2062 |
| Neurath and Kent, PNAS | box 327 | folder 2062A |

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| New SPPS Reprints | box 327 | folder 2063 |
| New SPPS Reprints | box 327 | folder 2063A |

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| "A New Sulfur Heterocycle for Amino Group Protection in Peptide Synthesis" by Barany, 1977 | box 327 | folder 2064-2065 |
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| | box 328 | folder 2066 |
| Nicolaou, K.C. | box 328 | folder 2067 |
| Notecards | box 328 | folder 2068-2070 |
| | box 329 | folder 2071-2075 |
| | box 330 | folder 2076-2081 |
| | box 331 | folder 2082-2087 |
| | box 332 | folder 2088 |
| Notecards and Notes | box 332 | folder 2089 |
| "A Novel Synthetic Study of the Role of Arginine in the Bee Venom Neurotoxin, Apamin" by Cosand, 1976 | box 332 | folder 2090 |
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| "O-Glycopeptide Analogues of Enkephalin: Fmoc-Amino Acid Glycoside Synthesis, Solid-Phase Glycopeptide Synthesis and Optimizations, and Pharmacology" by Mitchell, 1999 | box 333 | folder 2092 |
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