

Proceedings, National Academy of Science

- Proc. Nat Acad Sci **1** 1915 39-42 [castle hadley – carl]
Proc. Nat Acad Sci **1** 1915 341-6 [goodspeed – dsb17]
Proc. Nat Acad Sci **1** 1915 62-5 [eisenhart – dsb]
Proc. Nat Acad Sci **1** 1915 290-5 [eisenhart – dsb]
- Proc. Nat Acad Sci **2** 1916 173-7 [eisenhart – dsb]
Seares Colour of stars PNAS 2 1916 521-5 [dsb]
- H Shapley 13 parts in PNAS on clusters and galaxies 1916-1921 [dsb]
- Proc. Nat Acad Sci **3** 1917 544-545 [may – carl]
Proc. Nat Acad Sci **3** 1917 555-558 [sturtevant – Genetic factors affecting the strength... Sturtevant]
Proc. Nat Acad Sci **3** 1917 619-626 [muller – carl]
Proc. Nat Acad Sci **3** 1917 453-7 [eisenhart – dsb]
Proc. Nat Acad Sci **3** 1917 637-640 [eisenhart – dsb]
- Proc. Nat Acad Sci **5** 1919 25-32, 126-130, 500-506 Castle [dsb 3 124a/carl]
Proc. Nat Acad Sci **5** 1919 252 [langmuir – cp2/ selected classic papers from the history of chemistry – classic papers in... file]
S Lefschetz PNAS 5 1919 103-6 [term 'homeomorphism' – enu]
Proc. Nat Acad Sci **5** 1919 555-7 [eisenhart – dsb]
Proc. Nat Acad Sci **5** 1919 391-416 [Russell – dsb]
- Proc. Nat Acad Sci **6** 1920 73-77 [castle – carl]
Proc. Nat Acad Sci **6** 1920 162-4 [Morgan, Sturtevant, Bridges – DSB 9 526a]
Proc. Nat Acad Sci **6** 1920 275-88 [pearl & reed – gm1712]
Merrill, GP On chondrules and chondritic structures in meteorites PNAS 6 1920 449-472 [dsb]
Proc. Nat Acad Sci **6** 1920 678-682 [eisenhart – dsb]
Wright S The relative importance of heredity and environment.. PNAS 6 1920 320-332 [cart]
- Proc. Nat Acad Sci **7** 1921 186-192 Bridges CB Genetical and cytological proof.. [sturtevant]
AA Bennett Normalised geometric systems. PNAS 7 1921 p 84 [terms 'Norm, Triangle Equality' – enu]
Proc. Nat Acad Sci **7** 1921 328-334 [eisenhart – dsb]
Evans Problems of potential theory. PNAS 7 1920 89 [dsb 17]
- Proc. Nat Acad Sci **8** 1922 249-251 [shewhart – dsb18 p818]
Proc. Nat Acad Sci **8** 1922 19-23 [eisenhart – dsb]
Proc. Nat Acad Sci **8** 1922 24-6 [eisenhart – dsb]
Proc. Nat Acad Sci **8** 1922 207-212 [eisenhart – dsb]
- Proc. Nat Acad Sci **9** 1923 4-7 [eisenhart – dsb]
- Proc. Nat Acad Sci **10** 116-120 Belling & Blakeslee 1924 The configurations and sizes.. [sturtevant]
- Compton & Dean X-ray spectra from a ruled reflection grating PNAS **11** 1925 598-601 [Classic Scientific Papers in Physics, photocopy]
Proc. Nat Acad Sci **11** 1925 235-8 [boeck & Drbohlav – gm5194]
WS Adams. The relativity displacement of the spectral lines in the companion of Sirius. PNAS **11** 1925 382-5 [dsb] ok
Proc. Nat Acad Sci **11** 1925 243-240 [eisenhart – dsb]
Proc. Nat Acad Sci **11** 1925 314-28 [Russell – dsb]
- Proc. Nat Acad Sci **12** 1926 132 [abel – drug p365] insulin ok
Proc. Nat Acad Sci **12** 1926 275-83 [adams – dsb17] tog with J Franklin Inst

Proc. Nat Acad Sci **12** 1926 125-9 [eisenhart – dsb]
Proc. Nat Acad Sci **12** 1926 696-9 [cork – weeks p 445]
Proc. Nat Acad Sci **12** 1926 757-760 [eisenhart – dsb]

Proc. Nat Acad Sci **13** 1927 38-42 [eisenhart – dsb]

Proc. Nat Acad Sci **14** 1928 317-322, 619-627 Davisson Reflection and refraction.. [dsb]
Proc. Nat Acad Sci **14** 1928 592-597 [zwicky – dsb18 p1013]
Proc. Nat Acad Sci **14** 1928 671-5 [dobzhansky – dsb17]
Proc. Nat Acad Sci **14** 1928 714-726 [muller – carl]
Pauling L. The Shared-Electron Bond PNAS 14 1928 359-362 [tim]

Proc. Nat Acad Sci **15** 1929 168 [disc file]
Proc. Nat Acad Sci **15** 1929 169 [hubble – sub p 294/cos/hub] imp
Proc. Nat Acad Sci **15** 1929 471-477 [Babcock – dsb17 p85]
Proc. Nat Acad Sci **15** 1929 633-8 [dobzhansky – dsb17]
Proc. Nat Acad Sci **15** 1929 773-9 [zwicky – dsb18p1013]
Proc. Nat Acad Sci **15** 1929 822-9 [robertson – cos]
AJ Lotka Biometric functions in a population... PNAS 15 1929 793-8 [term 'survival function' – enu]

Proc. Nat Acad Sci **16** 1930 791-96 [mcclintock – biog]
Proc. Nat Acad Sci **16** 1930 731-740 [eisenhart – dsb]
RE Cleland & Blakeslee Interaction between complexes as evidence of segmental interchange in *Oenothera*
PNAS 16 1930 183-9 [dsb 17]
J Belling & AF Blakeslee On the attachment of non-homologous chromosomes PNAS 12 1926 7-11 [dsb 17 p 209a] 1st crossing over

Proc. Nat Acad Sci **17**, 1931, 485-91 [mcclintock – biog]
Creighton McClintock, A correlation of cytological and genetical crossing-over in *Zea mays* Proc. Nat Acad Sci **17**, 1931, 492-97 [tim/ peters/sturtevant/whitehouse/biog] seminal
Proc. Nat Acad Sci **17** 1931 513-8 [dobzhansky – dsb17]
Proc. Nat Acad Sci ?? 1931 265-270 [sturtevant & schultz – carl]
D Murnaghan & A Wintner A Canonical Form for Real Matrices under Orthogonal Transformations PNAS **17** 1931 417-420 [see term 'Eigenvalue,...' - enu]
GD Birkhoff PNAS **17** 1931 651 [term 'ergodic' – enu] see also J von Neumann vol 18

J Von Neumann. Proof of the Quasi Ergodic Hypothesis Proc. Nat Acad Sci **18** 1932 70 [dsb] imp
J Von Neumann Physical Applications of the Ergodic Hypothesis Proc. Nat Acad Sci **18** 1932 70 [dsb] imp
Proc. Nat Acad Sci **18** 1932 p213-4 [einstein, de sitter – disc file/weil184]
Proc. Nat Acad Sci **18** 1932 496-498 [washburn – dsb/urey in biog]
Proc. Nat Acad Sci **18**, 1932, 677-81 [mcclintock – biog]
J von Neumann PNAS 18 1932 70-82 [term 'ergodic' – enu]
Proc. Nat Acad Sci **18** 1932 195-202 [eisenhart – dsb]

Proc. Nat Acad Sci **19** 122-126 Gowen & Gay Eversporting as.. [sturtevant/carl]
Proc. Nat Acad Sci **19** 1933 397-403, 950-953 [dobzhansky – dsb17]
Selig Hecht and Cornelis D. Verrijp. *The Influence of Intensity, Color and Retinal Location on the Fusion Frequency of Intermittent Illumination*. Proc. Nat Acad Sci USA vol 19 1933 pp. 522-535, figs.
Visual physiology and TV. "...what is the minimum number of lines in the television picture with which the reproduced image can be accepted as satisfactory? A number of excellent works have already been published on the subject, both from the theoretical and experimental points of view [ref. Hecht & Verrijp]. The results of these works agree quite accurately, and predict that the increase in the number of the lines at first gives a great increase in definition, then the rate of increase slows down and finally approaches a certain saturation value,..." (Zworykin, 1934 article in J Frankl Inst p 2)

Proc. Nat Acad Sci **20** 1934 121-2 [pincus – fall p 448]
Proc. Nat Acad Sci **20** 1934 254-263 [zwicky – dsb18 p1013/tim]

JL Doob Stochastic processes and statistics. PNAS 20 1934 p376 [term 'stochastic process' – enu]

R Tolman. Effects of inhomogeneity in Cosmological models. PNAS 20 1934 169- [bertot p 126]

Proc. Nat Acad Sci **20** 1934 354-359 Demerec Biological action.. [sturtevant]

Proc. Nat Acad Sci **20** 1934 457-459 [stevens – dsb 18 p873]

Lemaitre, G. Evolution of the Expanding Universe. PNAS 20 1934 12-17 [bertot p219]

Proc. Nat Acad Sci **21** 1935 16-26 [muller prokofyeva – carl]

Proc. Nat Acad Sci **21** 1935 642-6 [beadle ephrussi – carl/emb p 222]

H Shapley A study of 7900 external galaxies PNAS **21** 1935 587-592; **23** 1937 449-453[dsb]

J Von Neumann. On Normal operators Proc. Nat Acad Sci **21** 1935 366 [dsb]

J Von Neumann. Continuous Geometry Proc. Nat Acad Sci **22** 1936 92, 101, 707 [dsb]

Proc. Nat Acad Sci **22** 1936 27-33 Schultz Variegation in Drosophila [sturtevant]

Pauling & Coryell CD The Magnetic Properties and Structure of Hemoglobin, Oxyhemoglobin .. Proc. Nat Acad Sci **22** 1936 210-16 [tim/ biog]

Proc. Nat Acad Sci **22** 1936 439-447 [mirsky, pauling – disc file 2/mirsky in biog/pauling in biog/dsb18p635]

Proc. Nat Acad Sci **22** 1943 448-450 [dobzhansky – dsb17]

Beadle & Ephrussi Development of eye colours in Drosophila. PNAS **22** 1936 pp. 536-540 [emb p 222]

AC Kinsey. An evolutionary analysis of insular and continental species Proc. Nat Acad Sci **23** 1937 5-11 [bio]

Proc. Nat Acad Sci **23** 1937 378-385 [sonneborn – carl/biog]

Proc. Nat Acad Sci **23** 1937 478-484 [hadorn – dsb17]

H Shapley A study of 7900 external galaxies PNAS **21** 1935 587-592; **23** 1937 449-453[dsb]

J Von Neumann. Algebraic theory of continuous geometries Proc. Nat Acad Sci **23** 1937 16, 341 [dsb]

Proc. Nat Acad Sci **24** 1938 236-242 [hadorn – dsb17]

Kurt Godel The consistency of the axiom of choice.. PNAS 24 556-7 1938 [term 'continuum hypothesis' – enu/The Mathematical development of set theory – p/c with maths books] also vol 25

Waddington CH Preliminary notes on the development of wings in normal and mutant strains of Drosophila PNAS 25 1939 pp 299-307 [emb p 205]

Proc. Nat Acad Sci **25** 1939 405-16 [mcclintock – biog]

Kurt Godel. Consistency-proof for the Generalised Continuum Hypothesis PNAS 25 1939 220-4 [The Mathematical development of set theory – p/c with maths books]

Proc. Nat Acad Sci **26** 1940 452-454 [oliver whitehouse/carl]

=====

Proc. Nat Acad Sci **27** 1941 31-5 [lewis whitehouse/carl]

Proc. Nat Acad Sci **27** 1941 60-64 [hurewicz – dsb17]

Proc. Nat Acad Sci **27**, 1941, pp. 499-506 Beadle & Tatum Genetic control of biochemical reactions. [peters, sturtevant/sig/carl/gm254.1/tim] nobel 1958

Luria SE & Exner FM. The inactivation of bacteriophages by X-rays.. PNAS 27 1941 370-5 [vir p 224] see also vol 28

Luria SE & Anderson TF The identification and characterisation of bacteriophages with the electron microscope. Proc. Nat Acad Sci **28** 1942 127-130 [sig/vir p 224]see also vol 27

Proc. Nat Acad Sci **28** 1942 458-63 [mcclintock – biog]

S Eilenberg & S MacLane Natural isomorphisms in Group Theory PNAS 28 1942 537-543 [term 'functor' – enu]

Sonneborn TM Genes and cytoplasm Proc. Nat Acad Sci **29** 1943 329-343 [tim/ carl/biog]

Proc. Nat Acad Sci **29** 1943 327 [rhoades – carl]

Proc. Nat Acad Sci **29** 1943 361-7 [stern – dsb18]

Proc. Nat Acad Sci **30** 1944 404-410 [gray & Tatum whitehouse]
Proc. Nat Acad Sci **31** 1945 152-7 [horowitz – shap p. 318/et p 421]

Loomis LH On a theorem of von Neumann PNAS 32 1946 213-5 [history of game theory – photocopy]
Proc. Nat Acad Sci **32** 1946 247-253 [preer – carl]

Proc. Nat Acad Sci **34** 1948 89-96 [hershey whitehouse]
Proc. Nat Acad Sci **34** 1948 413-8 [sonneborn – biog]
Chaney, RW The bearing of the living Metasequoia on problems of Tertiary paleobotany. PNAS 34 1948 503-515 [bio]

Proc. Nat Acad Sci **35** 1949 73-9 [kelner whitehouse]
Proc. Nat Acad Sci **35** 1949 178-84 Lederberg Aberrant heterozygotes.. [plas]
Proc. Nat Acad Sci **35** 1949 586-591 Green & green Crossing-over [sturtevant]

Nash, J. Equilibrium points in N-Person Games PNAS 36 1950 48.
B McClintock. The origin and behaviour of mutable loci in maize. Proc. Nat. Acad Sci **36**, 1950, 344-55
[peters/whitehouse/biog/tim]
Proc. Nat Acad Sci **36** 1950 613-7 [itano whitehouse]

Proc. Nat Acad Sci **37** 1951 205-211 pauling et al [weber cat88 \$600/biog]
L Pauling & RB Corey Atomic coordinates and structure factors..and other titles.. Proc. Nat Acad Sci **37** 1951 235-240, 241-50, 251-56, 256-261, 261-27, 272-281, 282-285 pauling & corey [pauling in biog/pp/biog file/tim]
Proc. Nat Acad Sci **37** 1951 650-665 [hadorn, Mitchell – dsb17 p377]

Proc. Nat. Acad Sci **38** 1952 235-43 [curtis – num]
Urey HC On the early chemical history of the earth and the origin of life Proc. Nat. Acad Sci **38** 1952 351-63
[dsb18 p946/biog/et p180, 205]
Proc. Nat. Acad Sci **38** 1952 455-63 [briggs – biog] classic
Proc. Nat. Acad Sci **38**(8) 1952 662-666 [janick]
Proc. Nat. Acad Sci **38** 1952 667-678 [eyring – dsb17]
Proc. Nat. Acad Sci **38** 1952 747-752 [dulbecco – sig]
Proc. Nat. Acad Sci **38** 1952 953-961 [lewis – carl]

L. Pauling and RB Corey. A proposed structure for the Nucleic Acids Proc. Nat. Acad Sci **39** 1953 84-97
[pauling – biog/biog file]
Alfert & Geschwind A selective staining method... PNAS **39** 1953 991-8 [pna]
Proc. Nat. Acad Sci **39** 1953 416-26 [watson – plas]
Proc. Nat. Acad Sci **39** 1953 933-946 [urey – dsb18 p946]
Shapley LS Stochastic Games. PNAS 39 1953 1095-1100 [history of game theory – photocopy]

Proc. Nat Acad Sci **40** 1954 356-363 [sager – plas]
Lehmer DH et al. An application of high-speed computing to Fermat's last theorem.. PNAS 40 1954 25-33 [cor
p 413]

Proc. Nat Acad Sci **41** 1955, 27-31, 127-44 [urey – dsb18 p946/biog] corr note in vol 42 p889-891
Nash J. A Path Space and the Steifel-Whitney Classes PNAS 41 1955 320
Proc. Nat Acad Sci **41** 1955, pp. 344-354 & 690-8 [benzer - peters/hsv/sig/carl/tim]
Proc. Nat Acad Sci **41** 1955 359-364 [demerec whitehouse/carl]
Proc. Nat Acad Sci **41** 1955 423-8 [urey – dsb18p946]
Jerne, NK The Natural Selection Theory of Antibody Formation Proc. Nat Acad Sci **41** 1955 849 [tim/
silp85,123,271,333] landmark paper
Proc. Nat Acad Sci **41** 1955 956-961, 961-964 [hurewicz – dsb17]
Proc. Nat Acad Sci **41** 1955 970-3 [vandiver et al – dsb18 p958]
Proc. Nat Acad Sci **41** 1955 1011-1019 [gamow whitehouse/dsb] on RNA

Proc. Nat Acad Sci **42** 1956 889-891 [urey – dsb18 p946] – corr note to vol 41.

Taylor JH et al The organisation and duplication of chromosomes.. Proc. Nat Acad Sci **43** 1957 122-8 [whitehouse/pna]

Meselson M et al Equilibrium sedimentation of macromolecules in Density gradients. PNAS 43 1957 581-3 [tim]

Proc. Nat Acad Sci **43** 1957 305-17 [giles whitehouse]

Proc. Nat Acad Sci **43** 1957 329-33 [skaar –plas]

Proc. Nat Acad Sci **43** 1957 491-6 [vogel – carl]

Proc. Nat Acad Sci **43** 1957 553-566 [novick weiner - carl]

Proc. Nat Acad Sci **43** 1957 581-8 [vinograd – dsb18 p966]

Proc. Nat Acad Sci **43** 1957 687-94 [brenner whitehouse/carl]

Nash J. Parabolic Equations. PNAS 43 1957 754.

Proc. Nat Acad Sci **43** 1957 1060-65 [lederberg –plas]

Berg P & Ofengand EJ. An Enzymatic Mechanism for Linking Amino acids to RNA PNAS 44 1958 78-86 [tim]

Cohen SS et al The mode of action of 5-fluorouracil.. PNAS **44** 1958 1004-12 [pna]

Proc. Nat Acad Sci **44** 1958 112-9 [benzer whitehouse]

Proc. Nat Acad Sci **44** 1958 641-647 [adler et al whitehouse]

Proc. Nat. Acad Sci **44** 1958, 671-82 meselson [gm/whitehouse/sig] ?most beautiful experiment in biology

Proc. Nat Acad Sci **45** 1959 115-29, 636-44 [land – biog] pts I & II

Yarmolinski MB & de la Haba GL. Inhibition by puromycin of amino acid incorporation.. PNAS 45 1959 1721-9 [pna]

Proc. Nat Acad Sci **45** 1959 419-428 [dobzhansky – dsb17]

Proc. Nat Acad Sci **45** 1959 622-633 [freese whitehouse terms]

Proc. Nat Acad Sci **45** 1959 846 [woodward – carl]

Proc. Nat Acad Sci **45** 1959 1453-1461 [ames whitehouse/carl]

Proc. Nat Acad Sci **45** 1959 1607-1620 [benzer – carl]

Proc. Nat Acad Sci **45** 1959 1752-7 [baron – plas]

Proc. Nat Acad Sci **46** 1960 293 [szilard – sil p86]

Proc. Nat Acad Sci 46 1960 396-402 [sagan – et450]

Doty et al. Strand separation and specific recombination in DNA PNAS 46 1960 461-76 [tim]

Proc. Nat Acad Sci **46** 1960 659-676 [case whitehouse/carl]

Proc. Nat Acad Sci **46** 1960 871 [schiff – cryo p456]

Proc. Nat Acad Sci **46** 1960 1463-9 [Stanley – dsb18 p 848]

Proc. Nat Acad Sci **46** 1960 1492-1501 [itano whitehouse]

Proc. Nat Acad Sci **47** 1961 137-146 [hall whitehouse/sig]

Glaser JA PNAS 47 1961 174 [et p206]

Proc. Nat Acad Sci **47** 1961 403-415 Benzer On the topography.. [sturtevant/whitehouse/carl]

Proc. Nat Acad Sci **47** 1961 972 [mamur – plas]

Proc. Nat Acad Sci **47** 1961 1588-1602 [nirenberg – whitehouse/biog file/sig/carl]nobel 1968

Proc. Nat Acad Sci **47** 1961 1936-1942 [lengyel whitehouse]

Chanock RM et al Growth on an artificial medium of an agent.. PNAS **48** 41-9 1962 [pna]

Hurwitz J et al. The role of deoxyribonucleic acid in ribonucleic acid synthesis.. PNAS **48** 1962 1222-30 [pna]

Reich E et al Action of actinomycin D.. PNAS 48 1962 1238-45 [pna]

Edelman GM & Benacerraf B On structural and functional relations between antibodies and proteins PNAS 48 1962 1035-42 [tim]

Proc. Nat Acad Sci **48** 1962 922-930 [gross – carl]

Proc. Nat Acad Sci **48** 1962 1000-8 [land – biog]

Proc. Nat Acad Sci **48** 1962 1424-31 [nathans – sig] nobel 1978

Proc. Nat Acad Sci **48** 1962 1449-1454 [weisblum whitehouse]

Lederberg J & Sagan C Microenvironments for life on Mars. PNAS 48 1473-5 1962 [et p 302]

Proc. Nat Acad Sci **48** 1962 1497-1504 [henning yanofsky - whitehouse]

Proc. Nat Acad Sci **48** 1962 1704-1712 [dobzhansky – dsb17]
Proc. Nat Acad Sci **48** 1962 2087-94 [gardner whitehouse]

Orgel, L.E. The Maintenance of the Accuracy of Protein Synthesis .. PNAS **49** 1963 517-521 [old]
Lerman L.S. The structure of the DNA-acridine complex PNAS **49** 1963 94-102 [pna]
Proc. Nat Acad Sci **49** 1963 544-551 [izawa whitehouse]
Ponnamperuma et al PNAS **49** 1963 p737 [et p252]
Proc. Nat Acad Sci **49** 1963 748 [hershey – plas]
Proc. Nat Acad Sci **49** 1963 880-5 [wahba whitehouse/carl]

Proc. Nat Acad Sci **50** 1963 9-16 [brody whitehouse]
Proc. Nat Acad Sci **50** 1963 208-210 [onsager – dsb18 p695]
Proc. Nat Acad Sci **50** 1963 236 [dulbecco – plas]
Proc. Nat Acad Sci **50** 1963 703-10 [sperry – biog]
Proc. Nat Acad Sci **50** 1963 730-8 [vinograd – dsb18 p966/plas]
Proc. Nat Acad Sci **50** 1963 975-980 [magni whitehouse]

Proc. Nat Acad Sci **51** 1964 1-7 [dobzhansky – dsb17]
Proc. Nat Acad Sci **51** 1964 266-272 [yanofsky whitehouse/sig/carl]
Proc. Nat Acad Sci **51** 1964 351-359 [hayashi – carl]
Proc. Nat Acad Sci **51** 1964 908-915 [tatum –whitehouse]
Proc. Nat Acad Sci **51** 1964 915-29 [sonneborn – evo p240]
Proc. Nat Acad Sci **51** 1964 1521-1529 [leder nirenberg – carl]

Proc. Nat Acad Sci **53** 1965 275-282 [sonneborn – biog]

Proc. Nat Acad Sci **54** 1965 919 [spiegelman – sig]
Proc. Nat Acad Sci **55** 1966 727-733 [dobzhansky - dsb17]
Proc. Nat Acad Sci **55** 1966 733-738 [feller – dsb17]
Proc. Nat Acad Sci **56** 1966 72 [david – sil p334]
Proc. Nat Acad Sci **57** 1967 306-313 [ptashne – sig]
Gilbert W & B Muller-Hill Isolation of the Lac Repressor Proc. Nat Acad Sci **56** 1966 1891-1898 [tim/ sig]
Proc. Nat Acad Sci **57** 1967 658-664 [stern, tokunaga – dsb18 p867]
Proc. Nat Acad Sci **57** 1967 1514 [radloff – plas]

Benzer S Behavioural mutants of Drosophila Isolated by Countercurrent Distribution PNAS **58** 1967 1112-9
[tim] also vol 41

Henle G et al. Relation of Burkitt's tumor-associated.. PNAS **59** 1968 94-101 [pna]
Proc. Nat Acad Sci **59** 1968 966-971 [summers &maizel – hsv]
Proc. Nat Acad Sci **59** 1968 1337-1344 [mirsky et al – dsb18 p636]

Prince AM An antigen detected in the blood during.. PNAS **60** 1968 814-21 [pna]
Russell D & Snyder SH Amine synthesis in rapidly growing tissues.. PNAS **60** 1968 1420-7 [pna]

Proc. Nat Acad Sci **61** 1968 77-84 [jacobson & baltimore – hsv]

Burger MM A difference in the architecture of the surface membrane.. PNAS **62** 1969 994-1001 [pna]

Edelman GM et al The covalent structure of immunoglob.. PNAS **63** 1969 78-85 [pna]
Inbar M & Sachs L Interaction of the carbohydrate-binding protein concanavalin A.. PNAS **63** 1969 1418-25
[pna]

Huebner RJ & Todaro GJ Oncogenes of RNA tumor viruses.. PNAS **64** 1969 1087-94 [pna]
Steiner AL et al Radioimmunoassay for the measurement.. PNAS **64** 1969 367-373 [pna]
Thomson DMP et al The radioimmunoassay of.. PNAS **64** 1969 161-7 [pna]

Roeder RG & Rutter WJ Specific nucleolar and nucleoplasmic RNA.. PNAS **65** 1970 675-82 [pna]

Changeux JP et al The use of snake venom toxin to characterise the cholinergic receptor protein PNAS **67** 1970 1241-7 [tim] see also vol 73

Hwang P et al A radioimmunoassay for human prolactin PNAS **68** 1971 1902-6 [pna]
Lee SY et al A polynucleotide segment rich in.. PNAS **68** 1971 1331-5 [pna]

Garabedian M et al Control of 25-hydroxycholecalciferol metabolism.. PNAS **69** 1972 1673-6 [pna]
Hsie AW & Puck, TT Morphological transformation of Chinese hamster cells.. PNAS **68** 1971 358-71 [pna]
Kebabian JW et al. Dopamine-sensitive adenylate cyclase.. PNAS **69** 1972 2145-9 [pna]
Proc. Nat Acad Sci **68** 1971 2480-2483 [dobzhansky – dsb17]
Proc. Nat Acad Sci **68** 1971 2913-2917 [danna, nathans – res] imp nobel
Proc Nat Acad Sci. **69** 1972 2292-2294 [janick]

Jackson, D et al Biochemical Method for Inserting New genetic information into DNA of Simian Virus. Proc Nat Acad Sci. **69** 1972 2904-2909 [tim/ sig] nobel

Mertz JE & Davis. Cleavage of DNA by RI Restriction.. Proc Nat Acad Sci. **69** 1972 3370-3374 [tim/ sig]
Konopka, RJ & S Benzer Clock Mutants of drosophila melanogaster PNAS **68** 1971 2112-6 [tim]

Ames BN et al An improved bacterial test system.. PNAS **70** 1973 782-6 [pna]
Hynes RO. Alteration of cell-surface proteins by viral transformation.. PNAS **70** 1973 3170-4 [pna]
Latt SA Microfluometric detection of DNA.. PNAS **70** 1974 3395-9 [pna]
Roberts BE & Paterson BM Efficient translation of tobacco mosaic virus.. PNAS **70** 1973 2330-4 [pna]
Simon EJ et al Stereospecific binding of the.. PNAS **70** 1973 1947-9 [pna]
Proc. Nat Acad Sci **70** 1973 680-683 [dobzhansky – dsb17]
Cohen et al Construction of biologically dunctional bacterial plasmids in vitro Proc. Nat Acad Sci **70** 1973 3240-4 [tim/ fall p 463/sig]
Proc. Nat Acad Sci **70** 1973 1886-90 [kacian – fall p 463]

Hart RW & RB Setlow. Correlation between Deoxyribonucleic Acid Excision- Repair and life.. PNAS **71** 1974 21 [old]

Gavin JR et al Insulin-dependent regulation of insulin receptor.. PNAS **71** 1974 84-8 [pna]
Hamberg M et al Isolation and structure of two prostaglandin.. PNAS **71** 1974 345-9 [pna]
Lazarides & Weber Actin antibody: the specific visualisation of actin filaments PNAS **71** 1974 2268-72 [pna]
Ross R et al A platelet-dependent serum factor .. PNAS **71** 1207-10 1974 [pna]
Yamamura HI & Snyder SH Muscarinic colinergic binding in rat brain... PNAS **71** 1974 1725-9 [pna]

Cutler, RG. Evolution of Human Longevity and the Genetic.. PNAS **72** 1975 4664-8 [old]

Hamberg M et al Thromboxanes: a new group of biologically active compounds.. PNAS **72** 1975 2994-8 [pna]
Maniatis T et al Nucleotide sequence of the rightward.. PNAS **72** 1975 1184-8 [pna]
McCann J et al Detection of carcinogens as mutagens... PNAS **72** 1975 979-83 [pna]
Weingarten MD et al PNAS **72** 1975 1858-62 [pna]
Stanley SM A theory of evolution above the species level PNAS **72** 1975 646-650 [evo]
LB Zablén et al. The phylogenetic origin of the chloroplast.. PNAS **72** 1975 2418-22 [evo p 245]
WF Doolittle & Linda Bonen On the prokaryotic nature of the red algal chloroplasts. PNAS **72** 1975 2310 [evo p245]

Changuex et al. A theory of the epigenesis of neural networks.. PNAS **70** 1973 2974-8 [tim] also vol 67

Tonegawa S Reiteration Frequency of Immunoglobulin Light Chain Genes... PNAS **73** 1976 203-7 [tim]
Finch JT & Klug A Solenoidal model for superstructure in chromatin. PNAS **73** 1976 1897-901 [pna]

Alwine et al Method for detection of specific RNAs.. PNAS **74** 1977 5350-4 [pna]
Mains RE et al Common precursor to corticotropins and endorphins PNAS **74** 1977 3014-8 [pna]
McMaster GK & Carmichael GC. Analysis of single and double-stranded nucleic acids.. PNAS **74** 1977 4835-8 [pna]
Proc Nat Acad Sci. **74** 1977 5716-5720 [elion – disc file 2] nobel

Collins SJ et al Terminal differentiation of human promyelocytic... PNAS **75** 1978 2458-62 [pna]
Ohkuma S & Poole B Fluorescence probe measurement.. PNAS **75** 1978 3327-31 [pna]
Wysoki LJ & Sato VL Panning for lymphocytes.. PNAS **75** 1978 2844-8 [pna]

Murphy RC et al Leukotriene C: a slow-reacting substance.. PNAS **76** 1979 4275-9 [pna]
Reinherz EL et al Separation of functional subsets of human.. PNAS **76** 4061-5 1979 [pna]
Tonegawa S et al Sequence of a mouse germ-line .. PNAS **75** 1978 1485-89 [tim]

Hunter T & Sefton, BM. Transforming gene product of Rous sarcoma virus.. PNAS **77** 1980 1311-5 [pna]
Polesz et al Detection and isolation of type C retrovirus.. PNAS **77** 1980 7415-9 [pna]
Reinherz EL et al Discrete stages of human intrathymic differentiation.. PNAS **77** 1980 1588-92 [pna]

Garrels RM & Lerman A Phanerozoic cycles of sedimentary carbon and sulfur.. PNAS **78** 1981 4652-6 [thi p 362]

TE Johnson & WB Wood. Genetic Analysis of Life-Span in *Caenorhabditis elegans*. PNAS **79** 1982 6603-7 [old]

Biggin MD et al Buffer gradient gels.. PNAS **80** 1983 3963-5 [pna]

Harrison DE et al Effects of Food Restriction on Aging PNAS **81** 1984 1835-8 [old]
DF Spencer et al Pronounced structural similarities between the small subunit ribosomal RNA.. PNAS **81** 1984 493-7 [evo p245]
Edelman GM Cell adhesion and morphogenesis.. PNAS **81** 1984 pp 1460-4 [emb p155]

D Yang et al. Mitochondrial origins. PNAS **82** 1985 4443-7 [evo p 245]

TE Johnson Aging can be genetically dissected.. PNAS **84** 1987 3781 [old]

Proc Nat Acad Sci. **86** no 6 1989 pp 1939/6196 [Paabo Ancient DNA – pcr]
Proc Nat Acad Sci. **86** no 16 1989 6196-200 [kocher – pcr]
Proc Nat Acad Sci. **86** 1989 6230-4 [saiki – pcr]

Hamilton WD et al. Sexual selection as an adaptation to resist parasites PNAS **87** 1990 3566-3573 [evo]
Woese CR et al. Towards a Natural System of Organisms: ... PNAS **87** 1990 4576-9 [evo p 245]

Proc Nat Acad Sci. **88** no 16 1991 p7276 [Holland – pcr]