

the whole of biochemistry and in its wider sense the whole of biology. An appreciation of the present position in all aspects is beyond the capacity of any one research worker. It will be apparent that the comments of the reviewer are restricted to his own sphere of expertise. Many of the descriptions of modes of action are excellent but in some cases important errors have crept in. Thus, it is stated that (page 867) triarylphosphates and other organophosphorus compounds bring about a primary demyelination of nerves, whereas it is now established that these compounds produce a dying-back lesion similar to Wallerian degeneration. Information accumulates so rapidly that it is inevitable that such a large book will be out-of-date in some respects. The description of the way carbon tetrachloride affects liver function is excellent, but although

carbon disulphide is given a reasonable amount of space, significant information published in the last five years is missing.

The publication as a printing effort is good and the photo-offset process has produced a legible text. There are few errors in the text. The reproduction of the figures often is somewhat indistinct, presumably due to the line width in the original drawings. The index is good as it must be for a book of this kind. There is no doubt that this will be a book useful to many people. The price will effectively restrict its sale to libraries rather than to individual scientists. This book is recommended as a source of information on the biochemical reactions of chemicals in and with mammalian biological systems.

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BOOK LIST No. 8 August 1977

Atkin, N. B. Cytogenetic aspects of malignant transformation (Experimental biology and medicine: Monographs on interdisciplinary topics, Vol. 6.) S. Karger; Basel, London and New York, 1976. iii + 168 pp. SFr/DM 74. Reviewed in: *Nature*, 10.2.77, 265, 566 by S. Muldal.

Atkins, E. D. T. and Keller, A. (eds). Structure of fibrous biopolymers. Colston Papers No. 26. Butterworths; London, 1975. 437 pp. £ 16.00. Reviewed in: *FEBS Lett.* Feb. 1977, 74. 148 by S. P. Datta.

Bacq, Z. M. Chemical transmission of nerve impulses: A historical sketch. Pergamon; Oxford and New York, 1975. 106 pp. £ 6. Reviewed in: *Nature*, 16.12.76, 264, 687 by A. D. Smith.

Baldry, P. The battle against bacteria: A fresh look. Cambridge University; Cambridge, London, New York and Melbourne, 1976. 179 pp. £ 4.50. Reviewed in: *Nature*, 17.2.77, 265, 668 by Sydney Selwyn.

Baldwin, Ernest. An introduction to comparative biochemistry, 4th edn. Cambridge University Press; New York, 1975. xix + 179 pp. \$ 3.95. Reviewed in: *J. Chem. Educ.*, Oct. 1976, 53, A432 by W. L. Cairns.

Barber, J. (ed). The intact chloroplast. Elsevier; Amsterdam, New York and Oxford, 1976. xi + 476 pp. Dfl 140. Reviewed in: *Nature*, 14.4.77, 266, 660 by M. C. W. Evans.

Barondes, Samuel H. (ed). Neuronal recognition. Plenum Press; New York, 1976. xvi + 368 pp. \$ 27.50. Reviewed in: *Science*, 11.2.77, 195, 570 by Michael Dennis and Regis B. Kelly.

Bentley, P. J. Comparative vertebrate endocrinology. Cambridge University Press; London, 1976. xi + 415 pp. £ 12.00, \$ 22.00 cloth; £ 4.95, \$ 8.00 paper. Reviewed in: *Trends Biochem. Sci.*, Mar. 1977, 2, 72 by Etienne Baulieu.

Bergmann, Ernst. D. and Pullman, Bernard (eds). Chemical and biochemical reactivity. D. Reidel; Dordrecht, Holland, 1974. viii + 578 pp. \$ 39.00. Reviewed in: *J. Amer. Chem. Soc.*, 5.1.77, 99, 312 by K. H. Johnson.

Berry, C. L. (scientific ed). Human malformations. British Medical Bulletin, Vol. 32, No. 1. British Council; London, 1976. 98 pp. £ 3.00. Reviewed in: *J. Med. Genet.*, Oct 1976, 13, 416 by Alan E. H. Emery.

Bianchi, R., Mariani, G. and McFarlane, A. S. (eds). Plasma protein turnover Macmillan Press; London, 1976. 454 pp. £ 17.50. Reviewed in: *Biochem. Soc. Trans.*, 1976, 4, No. 6, p. 1165 by K. W. Walton.

Bickel, H. and Stern, J. (eds). Inborn errors of calcium and bone metabolism. MTP Press; Lancaster, 1976. 373 pp. £ 8.50. Reviewed in: *Biochem. Soc. Trans.*, 1977, 5, No. 1, p. 336 by J. S. Woodhead.

- Birks, J. B. (ed). *Excited states of biological molecules*. John Wiley and Sons; New York, Toronto, Sydney, 1976. xviii + 652 pp. £ 18.50, \$ 40.70. Reviewed in: FEBS Lett. Feb. 1977, 74, 146 by Yu A. Ovchinnikov.
- Bittiger, H. and Schnebli, H. P. (eds). *Concanavalin A as a tool*. Wiley-Interscience; London and New York, 1976. xv + 639 pp. £ 19.50, \$ 38.50. Reviewed in: Nature, 10.2.77, 265, 569 by R. C. Hughes and in FEBS Lett. May 1977, 77, 122 by P. Whur.
- Blickenstaff, Robert, T. *Total synthesis of steroids*. Academic Press; New York, 1974. xiii + 328 pp. \$ 29.50. Reviewed in: J. Amer. Chem. Soc., 19.1.77, 99, 658 by Douglas J. Raber.
- Bloom, B. R. and David, J. R. (eds). *In vitro methods in cell-mediated and tumor immunity*. Academic Press; New York, 1976. 748 pp. \$ 34.50, £ 24.50.
- Bonner, J. and Varner, J. E. (eds). *Plant Biochemistry*, 3rd edn. Academic Press; New York, 1976. 925 pp. \$ 24.50, £ 17.40.
- Bradley, P. B. and Dhawan, B. N. (eds). *Drugs and central synaptic transmission*. Macmillan Press; London, 1976. xiv + 391 pp. £ 15.00, \$ 28.00. Reviewed in: Trends Biochem. Sci., Mar. 1977, 2, 72 by Trevor W. Stone.
- Burkitt, D. P. and Trowell, H. C. (eds). *Refined carbohydrate foods and disease: some implications of dietary fibre*. Academic Press; London, 1975. 356 pp. £ 7.80, \$ 19.25. Reviewed in: Diabetes, Nov. 1976, 25, 1086 by T. Franklin Williams.
- Carlson, Thomas A. *Photoelectron and Auger spectroscopy*. Plenum; New York, 1975. xiii + 417 pp. \$ 32.50. Reviewed in: J. Amer. Chem. Soc., 2.2.77, 99, 974 by S. D. Worley.
- Chapeville, F. and Grunberg-Manago, M. (eds) *Organization and expression of the viral genome. Molecular interactions in genetic translation*. Proc. 10th FEBS Meet. Vol. 39, Paris, 1975. North-Holland/American Elsevier; Amsterdam, New York, 1975. 329 pp. Dfl 75.00, \$ 28.95. Reviewed in: FEBS Lett. Feb. 1977, 74, 153 by Maria Szekely.
- Cooper, Edwin, L. *Comparative immunology*. Prentice-Hall; Englewood Cliffs, New Jersey, 1976. 338 pp. £ 15.95, \$ 19.95. Reviewed in: Nature, 14.4.77, 266, 659 by W. H. Hildemann.
- Cristofalo, V. J. and Holečková, E. (eds). *Advances in experimental medicine and biology*, Vol. 53: Cell impairment in aging and development. Plenum; New York and London, 1975. 557 pp. \$ 51.00. Reviewed in: Biochem. Soc. Trans., 1976, 4, No. 6, p. 1164 by Irene Gore.
- Curry, S. H. *Drug disposition and pharmacokinetics*. Blackwell; Oxford, 1974. 214 pp. £ 4.50. Reviewed in: Pharmacology, 1977, 15, No. 1, p. 93 by D. A. Kalbhen.
- Curtis-Prior, P. B. *Prostaglandins: An introduction to their biochemistry, physiology and pharmacology*. North-Holland; Amsterdam, New York and Oxford, 1976. xi + 158 pp. Dfl 42, \$ 16.25. Reviewed in: Nature, 3.3.77, 266, 88 by R. J. Flower, and in: Trends Biochem. Sci., Apr. 1977, 2, 96 by E. W. Horton.
- Dawes, I. W. and Sutherland, I. W. *Microbial physiology*. (Basic Microbiology, Vol. 4). Blackwell Scientific; Oxford and London, 1976. v + 183 pp. £ 4.25. Reviewed in: Nature, 3.3.77, 266, 92 by C. F. Thurston.
- Doelle, H. W. (ed). *Bacterial metabolism*, 2nd edn. Academic Press; New York, San Francisco and London, 1975. 738 pp. £ 19.75. Reviewed in: Biochem. Soc. Trans., 1977, 5, No. 1, p. 334 by H. Hassall.
- Dougherty, William M. *Introduction to haematology*, 2nd edn. Henry Kimpton; London, 1976. 263 pp. £ 8.60. Reviewed in: Med. Lab. Sci., Jan 1977, 34, 106 by R. Hall.
- Duncan, C. J. (ed). *Calcium in biological systems*. (Symposia of the Society for Experimental Biology.) Cambridge University; Cambridge, London and New York, 1976. viii + 485 pp. £ 18. Reviewed in: Nature, 10.3.77, 266, 199 by N. Michael Green.
- Everitt, A. V. and Burgess, J. A. (eds). *Hypothalamus, pituitary and aging*. Charles C. Thomas; Springfield, 1976. 787 pp. \$ 49.50.
- Falkow, S. *Infectious multiple drug resistance*. Pion; 207 Brondesbury Park, London, 1975. xii + 300 pp. £ 7.70. Reviewed in: FEBS Lett. Feb. 1977, 74, 154 by M. H. Richmond.
- Ferdinand, W. *The enzyme molecule*. Wiley; London and New York, 1976. xvi + 289 pp. £ 9.50, \$ 20 cloth; £ 4.50, \$ 10 paper. Reviewed in: Nature 3.3.77, 266, 89 by K. F. Kipton.
- de Feudis, P. V. *Central cholinergic systems and behaviour*. Academic Press; London, 1975. xii + 223 pp. £ 6.00, \$ 15.75. Reviewed in: Pharmacology, 1977 15, No. 1, p. 91 by G. Zetler.
- Fink, M. A. (ed). *Immune RNA in neoplasia: Symposium*, Marine Biological Laboratory, Woods Hole, Mass., Oct. 1975. Academic Press; New York, 1976. 316 pp. £ 10.65, \$ 15.00.
- Florkin, Marcel. *A history of biochemistry, Part III. History of the identification of the sources of free energy in organisms*. Elsevier; Amsterdam, 1975. 475 pp. Dfl 130.00, \$ 54.25. Reviewed in: Medical history, Oct. 1976, 20, No. 4, p. 444.
- Frigerio, A. and Castagnoli, N. (eds). *Advances in mass spectrometry in biochemistry and medicine*, Vol. 1. John Wiley; Chichester. Spectrum Publications; New York, 1976. 586 pp. £ 27.20, \$ 50.00. Reviewed in: Trends Biochem. Sci. Mar. 1977, 2, 71 by R. A. W. Johnstone.

Fromm, H. J. Initial rate enzyme kinetics. Springer-Verlag; Berlin Heidelberg New York, 1975. 321 pp. DM 78,—, \$ 32.00. Reviewed in: Trends Biochem. Sci., Jul. 1976, 1, 166 by Keith Tipton, and in Biochem. Soc. Trans., 1977, 5, No. 1, pp. 332 by Paul C. Engel.

Fudenberg, H. H., Stites, D. P., Caldwell, J. L. and Wells, J. V. (eds). Basic and clinical immunology. Lange Medical Publications; Los Altos, California, 1976. 653 pp. \$ 12.50. Reviewed in: Nature, 3.3.77, 266, 90 by A. J. S. Davies.

Gillie, Oliver. Who do you think you are? Man or superman: The genetic controversy. Hart-David, MacGibbon; London, 1976. 255 pp. £ 4.95. Reviewed in: Nature, 24.3.77, 266, 385 by William J. Schull.

Glazer, A. N., Delange, R. J. and Sigman, D. S. Chemical modifications of proteins. North-Holland; Amsterdam, New York, 1975. iv + 205 pp. Dfl 28.000, \$ 11.75 paper. Reviewed in: FEBS Lett. Feb. 1977, 74, 148 by D. G. Smyth.

Goodwin, T. W. (ed). Chemistry and biochemistry of plant pigments. 2nd edn. Academic Press; London, 1976. Vol. 1: xvi + 870 pp. £ 26.50, \$ 65.75; Vol. 2: xiii + 373 pp. £ 12.00, \$ 29.75. Reviewed in: FEBS Lett. Feb. 1977, 74, 155 by V. S. Butt.

Gottesman, I. I. and Shields, J. Schizophrenia and genetics: A twin study vantage point. Academic Press; New York, 1972. 443 pp. \$ 22.00. Reviewed in: Amer. J. Hum. Genet., Nov. 1976, 28, 630 by Arthur Falek.

de Gruchy, G. C. Drug induced blood disorders. Blackwell; Oxford, 1975. 204 pp. £ 7.25. Reviewed in: Pharmacology, 1977, 15, No. 1, p. 91 by G. Zbinden.

Guenther, William B. Chemical equilibrium: a practical introduction for the physical and life sciences. Plenum; New York and London, 1975. 248 pp. \$ 23.40. Reviewed in: Biochem. Soc. Trans., 1977, 5, No. 1, p. 333 by E. A. Dawes.

Haensch, Günther and Haberkamp De Anton, Gisela. Dictionary of biology. Elsevier; Amsterdam, Oxford, New York, 1976. xii + 483 pp. Dfl 160.00; \$ 61.50. Reviewed in: FEBS Lett. Feb. 1977, 74, 158 by S. P. Datta.

Hafez, E. S. E. (ed). The mammalian fetus — comparative biology and methodology. Charles C. Thomas; Springfield, Ill., 1975. 352 pp. £ 15, \$ 29.75. Reviewed in: Trends Biochem. Sci., Apr. 1977, 2, 95 by C. R. Austin.

Harris, H. and Hopkinson, D. A. Handbook of enzyme electrophoresis in human genetics. North-Holland; Amsterdam, 1976. x + 310 pp. Dfl 140,— \$ 55.95. Reviewed in: Trends Biochem. Sci., Apr. 1977, 2, 92 by Eloise R. Giblett.

Hastings, J. Woodward and Schweiger, H.-G. The molecular basis of circadian rhythms. Dahlem Konferenzen; Berlin, 1976. 462 pp. £ 15.50; DM 75.00; \$ 27.50. Reviewed in: FEBS Lett. Feb. 1977, 74, 157 by A. K. Huggins.

Hathway, D. E. (senior reporter). Foreign compound metabolism in mammals, Vol. 3. The Chemical Society; London, 1975. xvi + 727 pp. \$ 52. Reviewed in: J. Amer. Chem. Soc., 8.12.76, 98, 8299 by Donald M. Jerina.

Hudson, L. and Hay, F. C. Practical immunology. Blackwell Scientific; Oxford, London, Edinburgh and Melbourne, 1976. xvi + 298 pp. £ 6.50. Reviewed in: Nature, 6.12.76, 264, 685 by A. J. S. Davies.

Jamieson, G. A. and Robinson, D. M. (eds). Mammalian cell membranes, Vol. 1: General concepts. Butterworths; London, 1976. 276 pp. £ 18.00. Reviewed in: Biochem. Soc. Trans., 1976, 4, No. 6, p. 1161 by N. A. Gregson.

Jones, K. and Brandham, P. E. (eds). Current chromosome research. North-Holland; Amsterdam, 1976. xv + 240 pp. Dfl 62,—, \$ 23.95. Reviewed in: Trends Biochem. Sci., Apr. 1977, 2, 95 by C. J. Bostock.

Joussot-Dubien, J. (ed). Lasers in physical chemistry and biophysics. Proceedings of a meeting, Thais, France, June 1975. Elsevier; New York, 1975. xvi + 522 pp. \$ 51.95. Reviewed in: Science, 4.2.77, 195, 481 by Aaron Lewis.

Kallós, P., Waksman, B. H. and de Weck, A. (eds). Progress in allergy, Vol. 20. S. Karger; Basel, 1976. \$ 49.25. Reviewed in: Brit. J. Dermatol., Dec. 1976, 95, 682 by E. L. Rhodes.

Karlson, P. Introduction to modern biochemistry. Translated by Charles H. Doering. Academic Press; New York, 1975. xiii + 545 pp. \$ 15.95. Reviewed in: J. Chem. Educ., Oct. 1976, 53, A430 by Mitchel T. Abbott.

Katzir-Katchalsky, Aharon. Biophysics and other topics. Selected papers. Academic Press; New York, 1976. xxviii + 579 pp. \$ 34.50. Reviewed in: J. Amer. Chem. Soc., 16.2.77, 99, 1289 by Walter Scheider.

Kieslich, Klaus (ed). Microbial transformations of non-steroid cyclic compounds. Georg Thieme Verlag; Stuttgart, 1976. xxii + 1212 pp. DM 196,—. Reviewed in: Trends Biochem. Sci., Apr. 1977, 2, 95 by Jack Melling.

King, R. C. (ed). Handbook of genetics Vol. 5: Molecular genetics. Plenum; New York and London, 1976. xi + 667 pp. \$ 51.00. Reviewed in: Nature, 7.4.77, 266, 570 by Peter Ford.

- Knowles, P. F., Marsh, D. and Rattle, H. W. E. Magnetic resonance of biomolecules. John Wiley and Sons; Chichester, Sussex, 1976. 343 pp. Cloth: £ 9.75, \$ 19.75, £ 4.25, \$ 8.75 paper. Reviewed in: FEBS Lett. Feb. 1977, 74, 147 by G. C. K. Roberts.
- Kolattukudy, P. E. (ed). Chemistry and biochemistry of natural waxes. Elsevier; Amsterdam, Oxford and New York, 1976. xx + 464 pp. Dfl 129,—, \$ 49.75. Reviewed in: Nature, 17.3.77, 266, 286 by F. D. Gunstone.
- Korn, Edward D. (ed). Methods in membrane biology, Vol. 7. Plenum; New York and London, 1976, xx + 267 pp. £ 16.50, \$ 31.20. Reviewed in: Trends Biochem. Sci., Apr. 1977, 2, 96 by A. D. Bangham.
- Kornberg, A., Horecker, B. L., Cornudella, L. and Oró, J. (eds). Reflections on biochemistry. Pergamon; Oxford, New York, 1976. 480 pp. £ 12.50 cloth, £ 4.75 flexi. Reviewed in: New Scientist, 13.1.77, 73, 90 by Bernard Dixon, and in: Trends Biochem. Sci., Apr. 1977, 2, 91 by Sir Rudolph A. Peters.
- Kritchevsky, D. (ed). Hypolipidemic agents. Springer-Verlag; Berlin, Heidelberg, New York, 1975. xvi + 490 pp. DM 178.—, \$ 73.00 cloth. Reviewed in: FEBS Lett. Feb. 1977, 74, 156 by H. Sies.
- Lewin, Ralph A. (ed). The genetics of algae. Botanical monographs, Vol. 12. University of California; Berkeley, 1976. x + 360 pp. \$ 26.75. Reviewed in: Science, 21.1.77, 195, 281 by Ruth Sager.
- Likhtenshtein, G. I. Translated by Philip S. Shelnitz. Spin labeling methods in molecular biology. Wiley-Interscience; New York and London, 1976. xiii + 258 pp. £ 26, \$ 39. Reviewed in: Nature, 14.4.77, 266, 662 by A. G. Lee.
- Lovenberg, W. (ed). Iron-sulfur proteins, Vol. 3: Structure and metabolic mechanisms. Academic Press; New York and London, 1977. xiv + 443 pp. £ 28.05, \$ 39.50. Reviewed in: Nature, 31.3.77, 266, 482 by D. O. Hall.
- MacLean, D., Evans, D. and Jones, John Bowen. Introduction to medicinal chemistry. Harper and Row; London, 1976. 276 pp. £ 7.20. Reviewed in: Med. Lab. Sci., Jan. 1977, 34, 105. by John F. Stevens.
- Makino, Sajiro. Human chromosomes. American Elsevier; New York, 1976. 660 pp. \$ 55.95. Reviewed in: Amer. J. Hum. Genet. Nov. 1976, 28, 626 by Paul S. Moorhead, and in: N. Engl. J. Med., 15.4.76, 294, 909 by Frederick Hecht and Shivahand R. Patil.
- Marionosi, Anthony (ed). The enzymes of biological membranes. Vol. 3; Membrane transport. Plenum; New York and London, 1976. xv + 459 pp. £ 23.00, \$ 42.00. Reviewed in: Trends Biochem. Sci., Mar. 1977, 2, 70 by N. Michael Green.
- Meares, P. (ed). Membrane separation processes, Elsevier; Amsterdam, Oxford and New York, 1976. ix + 600 pp. Dfl 250; \$ 96.25. Reviewed in: Nature, 10.2.77, 265, 566 by R. M. Barrer.
- Medin, D. L., Roberts, W. A. and Davies, R. T. (eds). Processes of animal memory. Hillsdale, Lawrence Erlbaum Assoc; New Jersey, 1976. Distributed by the Halsted Press Division of Wiley; New York and London. xi + 267 pp. £11.50, \$ 19.00. Reviewed in: Nature, 17.2.77, 265, 667 by Patrick Rabbitt.
- Miescher, Peter A. and Muller-Eberhard, Hans J. (eds). Textbook of immunopathology, Vol 1, 2nd edn. Grune and Stratton; New York, 1976. 602 pp. \$ 49.50.
- Miescher, Peter A. and Muller-Eberhard, Hans J. (eds). Textbook of immunopathology, Vol. 2, 2nd edn. Grune and Stratton; New York, 1976. 611 pp. \$ 49.50.
- Morris, C. J. O. R. and Morris, P. Separation methods in biochemistry, 2nd edn. Halsted Press, John Wiley and Sons; New York, 1976. 1045 pp. \$ 74.50. Reviewed in: J. Amer. Chem. Soc., 2.2.77, 99, 973 by Lewis J. Kleinsmith.
- Mourant, A. E., Copéc, Ada C. and Domaniewska-Sobczak, Kazimiera. The distribution of the human blood groups and other polymorphisms, 2nd edn. Oxford University Press, Oxford, 1976. xvi + 1058 pp. £ 55.00. Reviewed in: Vox Sanguinis, 1977, 32, No. 2, p. 124 by L. E. Nijenhuis.
- Nei, Masatoshi. Molecular population genetics and evolution. North-Holland; Amsterdam. Oxford/American Elsevier; New York, 1975. xiii + 288 pp. Dfl 82.00; \$ 34.00. Reviewed in: FEBS Lett. Feb. 1977, 74, 145 by N. Spencer.
- Osler, Abraham G. Complement: mechanisms and functions. Prentice-Hall; New Jersey, 1976. 193 pp. £ 12.25. Reviewed in: Immunology, Mar. 1977, 32, 371 by R. A. Thompson.
- Palmer, J. D. with contributions by F. A. Brown, jr. and L. N. Edmunds, jr. An introduction to biological rhythms. Academic Press; New York and London, 1976. xvi + 373 pp. £ 11.90, \$ 19.50. Reviewed in: Nature, 3.3.77, 266, 95 by J. N. Mills.
- Papaconstantinou, J. (ed). Molecular biology of hormone action. 34th Symposium of the Society for Developmental Biology, Orono, Maine, June 1975. Academic Press; New York, 1976. 197 pp. £ 11.70, \$ 16.50.
- Porterfield, J. S. (scientific ed). Multiple sclerosis. British Medical Bulletin, Jan. 1977, 33, No. 1. British Council; London, 1977. 83 pp. £ 4.50, \$ 12.50.
- Prescott, D. M. Reproduction of eukaryotic cells. Academic Press; New York and London, 1976. ix + 177 pp. £ 8.85, \$ 14.50. Reviewed in: Nature, 24.2.77, 265, 766 by Robert Shields.

- Pryor, W. A. (ed). Free radicals in biology. Vol. 1 and Vol. 2. Academic Press; New York and London, 1976. Vol. 1: xv + 287 pp; Vol. 2: xiv + 303 pp. £ 19.55, \$ 27.50 each volume. Reviewed in: *Nature*, 10.2.77, 265, 569 by George Scholes.
- Rickwood, D. (ed). Biological separations in iodinated density gradient media. Information Retrieval; London and Washington, D. C. 1976. 205 pp. £ 5.50, \$ 12.00. Reviewed in: *FEBS Lett.* Feb. 1977, 74, 152 by A. Nagy.
- Righetti, F. G. (ed). Progress in isoelectric focusing and isotachopheresis. North-Holland; Amsterdam, 1975. 425 pp. Dfl 120.00, \$ 47.85. Reviewed in: *FEBS Lett.* Feb. 1977, 74, 151 by József Batke.
- Rochae Silva and Suarez-Kurtz, G. (eds). Concepts of membranes in regulation and excitation. Raven Press; New York, 1975. xi + 226 pp. Dfl. 45.00, \$ 18.75. Reviewed in: *FEBS Lett.* Feb. 1977, 74, 156 by H. Sies.
- Searle, C. E. Chemical carcinogens. (ACS Monograph 173). American Chemical Society; Washington, D. C. 1976. xxvii + 788 pp. \$ 67.50. Reviewed in: *Nature*, 17.2.77, 265, 666 by E. Boyland.
- Segel, Irwin H. Enzyme kinetics, behavior and analysis of rapid equilibrium and steady-state enzyme systems. John Wiley and Sons; New York, 1975. xxii + 957 pp. \$ 27.50. Reviewed in: *J. Chem. Educ.*, Nov. 1976, 53, A472 by Michael Wagner.
- Sharon, N. Complex carbohydrates: their chemistry, biosynthesis and function. Addison-Wesley; Reading, Mass., 1976. 466 pp. \$ 21.50. Reviewed in: *Biochem. Soc. Trans.*, 1976, 4, 828, by R. Colin Hughes.
- Sheppard, R. C. (senior reporter). Amino-acids, peptides, and proteins, Vol. 7 (Specialist Periodical Reports). The Chemical Society; London, 1976. xvi + 431 pp. £ 21.00. Reviewed in: *J. Amer. Chem. Soc.*, 8.12.76, 98, 8299 by Bruce W. Erickson.
- Simon, Z. Quantum biochemistry and specific interactions. Abacus; Tunbridge Wells, Kent, 1976. 251 pp. £ 11.95. Reviewed in: *Nature*, 13.1.77, 265, 192 by Graham Richards.
- Smith, K. M. Virus-insect relationships. Longman; London and New York, 1976. viii + 291 pp. £ 11.00. Reviewed in: *Nature*, 31.3.77, 266, 482 by K. A. Harrap.
- Sundaralingam, M. and Rao, S. T. (eds). Structure and conformation of nucleic acids and protein-nucleic acid interactions. Proceedings of a symposium, Madison, Wis., June 1974. University Park Press; Baltimore, 1975. xxiv + 752 pp. \$ 44.50. Reviewed in: *Science*, 14.1.77, 195, 170 by Paul R. Schimmel.
- Thomas, D. and Kernevez, J.-P. (eds). Analysis and control of immobilized enzyme systems. North Holland/American Elsevier; Amsterdam, New York, 1976. viii + 306 pp. Dfl. 70.00; \$ 27.50. Reviewed in: *FEBS Lett.* Feb. 1977, 74, 149 by Veronika Jancsik.
- Thorbecke, G. Jeanette (ed). Biology and aging and development. Plenum; New York and London, 1975. 344 pp. \$ 30.00. Reviewed in: *Immunology*, Mar. 1977, 32, 367 by W. Page Faulk.
- Tinasheff, Serge N. and Fasman, Gerald D. Subunit in biological systems, Part C. Marcel Dekker; New York, 1975. 360 pp. \$ 39.50. Reviewed in: *J. Amer. Chem. Soc.*, 5.1.77, 99, 312 by Shigeru Sassa.
- Tyrrell, D. A. J. Interferon and its clinical potential. Heinemann Medical; London, 1976. viii + 104 pp. £ 3.50. Reviewed in: *Nature*, 31.3.77, 266, 479 by T. C. Merigan.
- Wilson, David. Penicillin in perspective. Faber and Faber; London, 1976. xi + 298 pp. £ 4.95. Reviewed in: *Nature*, 16.12.76, 264, 688 by N. G. Heatley.
- Wingard, L. B. jr., Katchalski-Katzir, E. and Goldstein, L. (eds). Applied biochemistry and bioengineering, Vol. 1: Immobilized enzyme principles. Academic Press; New York, 1976. 364 pp. £ 20.95, \$ 29.50.
- Work, T. S. and Work, E. (eds). Laboratory techniques in biochemistry and molecular biology. Vol. 4: Part I. Chemical modification of proteins. Part II. Separation methods for nucleic acids and oligonucleotides. North-Holland; Amsterdam, Oxford/American Elsevier; New York, 1976. xiii + 492 pp. Dfl 130.00, \$ 51.95. Reviewed in: *FEBS Lett.* Feb. 1977, 74, 150 by B. Sain.
- Yuhas, J. M., Tennant, R. W. and Regan, J. D. (eds). Biology of radiation carcinogenesis. Raven Press; New York, 1976. xxiii + 347 pp. \$ 30.00. Reviewed in: *FEBS Lett.* Feb. 1977, 74, 152 by G. E. Francis.