

Booklist no. 79 December 1987

Agabian, N., Goodman, H. and Nogueira, N. (eds) *Molecular strategies of parasitic invasion. From a symposium, Park City, UT, 1987. UCLA symposia on molecular and cellular biology, new series, vol.42.* Alan R. Liss; New York, 1987. xxviii + 775 pp. \$125.00.

Alcamo, I.E. *Fundamentals of microbiology, 2nd edn.* Benjamin/Cummings; Menlo Park, CA, 1987. xx + 873 pp. \$39.95.

Atlas, R.M. and Bartha, R. *Microbial ecology. Fundamentals and applications, 2nd edn.* Benjamin/Cummings; Menlo Park, CA, 1987. xii + 533 pp. \$39.95.

Barrett, A.J. and Salvesen, G. (eds) *Proteinase inhibitors.* Elsevier; Amsterdam, New York, 1986. xxii + 661 pp. \$160.00; Dfl.400.00. Reviewed in: *Trends Biochem. Sci.*, Oct.1987, 12, 381 by T. Murachi.

Bourne, G.H. and Jeon, K.W. (eds) *International review of cytology, vol.102.* Academic Press; Orlando, FL, 1986. vii + 322 pp. \$59.50; £49.50.

Braude, M.C. and Zimmerman, A.M. (eds) *Genetic and perinatal effects of abused substances.* Academic Press; Orlando, FL, 1987. x + 211 pp. \$55.00.

Bullen, J.J. and Griffiths, E. (eds) *Iron and infection.* Wiley; Chichester, New York, 1987. ix + 325 pp. £38.00. Reviewed in: *Trends Biochem. Sci.*, Oct.1987, 12, 387 by E. Letendre.

Butzel, H.M. *Genetics in the courts. Studies in health and human services, vol.9.* Mellen; Lewiston, NY, 1987. xxii + 801 pp. \$89.95.

Cantell, K. and Schellekens, H. (eds) *The biology of the interferon system 1986. From a meeting, Espoo, Finland, Sep.1986.* Nijhoff; Dordrecht, 1987. xii + 579 pp. \$110.00.

Ciriello, J. et al. (eds) *Organisation of the autonomic nervous system. Central and peripheral mechanisms. From a symposium, Montreal, Jul.1986. Neurology and neurobiology, vol.31.* Alan R. Liss; New York, 1987. xviii + 475 pp. \$88.00.

Clementi, E. and Chin, S. (eds) *Structure and dynamics of nucleic acids, proteins and membranes. From a symposium, Riva del Garda, Italy, Aug.1987.* Plenum; New York, 1986. xii + 455 pp. \$79.50.

Conn, E.E., Stumpf, P.K., Bruening, G. and Doi, R. *Outlines of biochemistry, 5th edn.* Wiley; Chichester, New York, 1987. iii + 693 pp. £41.05.

Davis, S.S., Illum, L. and Tomlinson, E. (eds) *Delivery systems for peptide drugs. From a workshop, Copenhagen, May 1986. NATO Advanced Science Institutes series A, vol.125.* Plenum; New York, 1986. xii + 368 pp. \$65.00.

De Robertis, E.D.P. and De Robertis, E.M.F. jr *Cell and molecular biology, 8th edn.* Lea and Febiger; Philadelphia, 1987. xxx + 734 pp. \$39.50.

Dillon, L.S. *The gene. Its structure, function and evolution.* Plenum; New York, 1987. xii + 896 pp. \$95.00.

Doolittle, R.F. *Of urfs and orfs: a primer on how to analyze derived amino acid sequences.* University Science Books; Mill Valley, California and Oxford University Press; Oxford, 1987. 103 pp. \$14.00; £12.50 (paperback). Reviewed in: *Nature*, 8 Oct.1987, 329, 496 by S. Brenner.

Dunbar, B.S. *Two-dimensional electrophoresis and immunological techniques.* Plenum; New York, 1987. xvi + 372 pp. \$59.50.

Edington, T.S., Ross, R. and Silverstein, S.C. (eds) *Perspectives of inflammation, neoplasia and vascular cell biology. From a symposium, Park City, UT, Feb.1985. UCLA symposia on molecular and cellular biology, new series, vol.37 (pp.1-164 reprinted from Journal of Cellular Biochemistry vols.28, 29 and 30).* Alan R. Liss; New York, 1987. xvi + 290 pp. \$96.00.

Emery, A.E.H. *Duchenne muscular dystrophy.* Oxford University Press; Oxford, 1987. 315 pp. £35.00; \$55.00. Reviewed in: *Nature*, 15 Oct.1987, 329, 594 by P. Pearson.

Ferrarini, M. and Pernis, B. (eds) *The molecular basis of B-cell differentiation and function. From an institute, Santa Margherita Ligure, Italy, Oct.1985. NATO Advanced Study Institutes series A, vol.123.* Plenum; New York, 1986. viii + 173 pp. \$42.50.

Fox, J.E. and Jacobs, M. (eds) *Molecular biology of plant growth control. From a symposium, Lake Tahoe, CA, Feb.1986. UCLA symposium on molecular and cellular biology, vol.44.* Alan R. Liss; New York, 1987. xviii + 467 pp. \$80.00.

Gill, T.J. iii, Wegmann, T.G. and Nisbet-Brown, E. (eds) *Immunoregulation and fetal survival. From a conference, Banff, Alberta, Feb.1985.* Oxford University Press; Oxford, New York, 1987. xviii + 324 pp. \$49.95.

- Glenner, G.G. and Wurtman, R.J. (eds) *Advancing frontiers in Alzheimer's disease research*. From a symposium, San Antonio, TX, Jun.1986. University of Texas Press; Austin, TX and Mind Science Foundation; San Antonio, TX, 1987. x + 269 pp. \$22.50.
- Green, C.E. et al. (eds) *Plant tissue and cell culture*. From a congress, Minneapolis, MN, Aug.1986. *Plant biology*, vol.3. Alan R. Liss; New York, 1987. xiv + 509 pp. \$47.00.
- Greenshaw, A.J. and Dourish, C.T. (eds) *Experimental psychopharmacology*. Humana Press; Clifton, NJ, 1987. xiv + 494 pp. \$59.50.
- Hall, S.S. *Invisible frontiers: the race to synthesize a human gene*. Atlantic Monthly Press; New York, 1987. 334 pp. \$19.95. Published in Britain by Sidwick and Jackson, Mar.1988. Reviewed in: *Nature*, 1 Oct.1987, 329, 399 by P. Newmark.
- Hathcock, J.N. (ed.) *Nutritional toxicology*, vol.2. Academic Press; Orlando, FL, 1987. xvi + 300 pp. \$65.00.
- Hollinger, M.A. (ed.) *Current topics in pulmonary pharmacology and toxicology*, vol.1. Elsevier; Amsterdam, New York, 1986. xii + 225 pp. \$45.00.
- Jurnak, F.A. and McPherson, A. (eds) *Biological macromolecules and assemblies*, vol.3. *Active sites of enzymes*. Wiley-Interscience; Chichester, New York, 1987. xii + 564 pp. \$84.95.
- Kon, O.L. et al. (eds) *Contemporary themes in biochemistry*. From a congress, Singapore, Nov.1986. ICSU short reports, vol.6. Cambridge University Press; Cambridge, New York, 1987. xxxviii + 715 pp. \$49.50.
- L'Annunziata, M.F. *Radionuclide tracers: their detection and measurement*. Academic Press; Orlando, FL, 1987. xviii + 505 pp. \$96.00.
- Loomis, W.F. (ed.) *Genetic regulation of development*. From a symposium, La Jolla, CA, Jun.1986. Alan R. Liss; New York, 1987. xviii + 423 pp. \$78.00.
- McGear, P.L., Eccles, J.C. and McGeer, E.G. *Molecular neurobiology of the mammalian brain*, 2nd edn. Plenum; New York, 1987. xxvi + 774 pp. \$59.50 (hardback); \$27.50 (paperback).
- Michaelson, S.M. and Lin, J.C. *Biological effects and health implications of radiofrequency radiation*. Plenum; New York, 1987. xii + 675 pp. \$79.50.
- Miller, J.H. and Calos, M.P. (eds) *Gene transfer vectors for mammalian cells*. From a meeting, Cold Spring Harbor, NY, Oct.1986. *Current communications in molecular biology*. Cold Spring Harbor Laboratory; Cold Spring Harbor, NY, 1987. x + 169 pp. \$30.00 (paperback).
- Miller, R.K. and Thiede, H.A. (eds) *Cellular biology and pharmacology of the placenta*. *Techniques and applications*. Based on a conference, Rochester, NY, Oct.1985. *Trophoblast research*, vol.2. Plenum Medical; New York, 1987. xiv + 625 pp. \$95.00.
- Moens, P.B. (ed.) *Meiosis*. Academic Press; Orlando, FL, 1987. xiv + 391 pp. \$65.00.
- Moras, D. et al. (eds) *Crystallography in molecular biology*. From an institute, Bischoffsberg, France, Sep.1985. NATO Advanced Study Institutes series A, vol.126. Plenum; New York, 1987. x + 443 pp. \$79.50.
- Naftolin, F. and DeCherney, A.H. (eds) *The control of follicle development, ovulation and luteal function*. *Lessons from in vitro fertilization*. From a symposium, Paris, Apr.1986. Sero symposia publications from Raven Press; New York, 1987. xii + 354 pp. \$49.50.
- Norman, A.W. and Litwack, G. *Hormones*. Academic Press; Orlando, FL, 1987. 806 pp. £37.00; \$49.95. Reviewed in: *Nature*, 29 Oct.1987, 329, 774 by J. Tata.
- Oxender, D.L. and Fox, C.F. (eds) *Protein engineering*. Alan R. Liss; New York, 1987. xviii + 365 pp. \$36.00.
- Palade, G., Alberts, B.M. and Spudis, J.A. (eds) *Annual review of cell biology*, vol.2. *Annual reviews*; Palo Alto, CA, 1986. xi + 559 pp. \$31.00 (U.S.); \$34.00 (elsewhere).
- Putnam, F.W. (ed.) *The plasma proteins*, vol.5. *Structure, function and genetic control*, 2nd edn. Academic Press; Orlando, FL, 1987. xiv + 418 pp. \$64.00.
- Rifkin, D.B. and Klagsbrun, M. (eds) *Angiogenesis*. *Mechanisms and pathobiology*. From a conference, Cold Spring Harbor, NY, Nov.1986. Cold Spring Harbor Laboratory; Cold Spring Harbor, NY, 1987. x + 161 pp. \$30.00 (paperback).
- Rüegg, J.C. *Calcium in muscle activation: a comparative approach*. Springer; Berlin, New York, 1986. xiv + 300 pp. \$98.00. Reviewed in: *Science*, 9 Oct. 1987, 238, 223 by A. Szent-Györgyi.
- Saunders, V.A. and Saunders, J.R. *Microbial genetics applied to biotechnology*. *Principles and techniques of gene transfer and manipulation*. Croom Helm; London and Macmillan; New York, 1987. 422 pp. £30.00; \$40.00 (hardback). £14.95 (paperback).
- Schlegel, R.A., Halleck, M.S. and Rao, P.N. (eds) *Molecular regulation of nuclear events in mitosis and meiosis*. Academic Press; Orlando, FL, 1987. xiv + 375 pp. \$85.00.
- Thompson, J.N. jr, Hellack, J.J. and Braver, G. *Primer of genetic analysis*. *A problems approach*. Cambridge University Press; Cambridge, New York, 1987. xiv + 175 pp. \$32.50 (hardback); \$11.95 (paperback).

- Tuffery, A.A. (ed.) Laboratory animals: an introduction for new experimenters. Wiley; Chichester, New York, 1987. viii + 342 pp. £25.00; \$43.00. Reviewed in: Trends Biochem. Sci., Oct.1987, 12, 387 by R. Neale.
- VanDemark, P.J. and Batzing, B.L. The microbes. An introduction to their nature and importance. Benjamin/Cummings; Menlo Park, CA, 1987. xvi + 991 pp. \$39.95.
- Van Verseveld, H.W. and Duine, J.A. (eds) Microbial growth on C¹ compounds. From a symposium, Haren, The Netherlands, Aug.1986. Nijhoff; Dordrecht, 1987. xii + 305 pp. \$57.00.
- Verkade, J.G. and Quin, L.D. (eds) Phosphorus-31 NMR spectroscopy in stereochemical analysis. Methods in stereochemical analysis, vol.8. VCH; New York, 1987. xvi + 717 pp. \$125.00.
- Voellmy, R.W. et al. (eds) Advances in gene technology. The molecular biology of development. From a symposium, Miami, FL, Feb.1987. ICSU short reports, vol.7. Cambridge University Press; Cambridge, Oxford, 1987. xviii + 162 pp. \$54.50.
- Watson, S.W., Levin, J. and Novitsky, T.J. (eds) Detection of bacterial endotoxins with the limulus amebocyte lysate test. From a conference, Woods Hole, MA, Sep.1985. Progress in clinical and biological research, vol.231. Alan R. Liss; New York, 1987. xx + 528 pp. \$78.00.
- Welch, G.R. and Clegg, J.S. (eds) The organisation of cell metabolism. From a workshop, Hanstholm, Denmark, Aug.1985. NATO Advanced Study Institutes series A, vol.127. Plenum; New York with NATO Scientific Affairs Division, 1986. xiv + 389 pp. \$69.50.
- Winslow, C.M. and Lee, M.L. (eds) New horizons in platelet activating factor research. Wiley; Chichester, New York, 1987. xiv + 373 pp. £34.50; \$64.55. Reviewed in: Trends Biochem. Sci., Oct.1987, 12, 382 by T. Rink.
- Wolfe, M.S. and Caten, C.E. (eds) Populations of plant pathogens; their dynamics and genetics. Blackwell Scientific; Palo Alto, CA, 1987. viii + 280 pp. \$80.00.
- Woolfson, A.M.J. (ed.) Biochemistry of hospital nutrition. Churchill Livingstone; Edinburgh, 1986. xii + 284 pp. £35.00; \$64.75. Reviewed in: Trends Biochem. Sci., Oct.1987, 12, 386 by W. MacLennan.
- Yoder, C.H. and Schaeffer, C.D. jr Introduction to multinuclear NMR: theory and application. Benjamin/Cummings; Menlo Park, CA, 1987. xii + 335 pp. \$27.95 (paperback).

The following Booklists have been published previously:

- No. 1 (July 1975) FEBS Lett. 55, 300–303.
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