

combine reviews of the literature with the presentation of research that was new and exciting at the time of the meeting, although the extent of review is variable from chapter to chapter. Following the sections on ion channels is a section on drug discovery, composed of four chapters describing strategies or experimental models that can be used to find effective antiarrhythmic agents.

The final chapter of the book consists of research recommendations made by a panel of eight leaders in cardiovascular research. Individual clinicians and scientists will have their own lists of directions in which they believe research efforts should be steered, but it is difficult to disagree with the observation made in the final paragraph of this book that the limited amount of effective communication between basic, clinical, and pharmacologic investigators has "impeded an integrated practical understanding of channel dysfunction in disease." The development of effective antiarrhythmic agents will be facilitated by increased collaboration and exchange of insights between clinicians and scientists.

A final consideration not addressed by the authors is that the complexity of the problem will make it difficult to achieve effective antiarrhythmic therapy in the very near future. Therefore it is important to provide stable sources for research support to ensure continuity within this field of research. Present funding realities have placed serious strains on younger investigators and discouraged many talented individuals from pursuing careers in this field. This trend has the potential to seriously inhibit future progress in this clinically important field.

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Correction

In the Books Received column in the issue of 9 December 1994 (p. 1743) the title of the book *Polyominoes* (2nd ed.; Princeton University Press) was given incorrectly and the name of its author, Solomon Golumb, was omitted. Warren Lushbaugh drew the diagrams in the book.

Books Received

AIDS and the Arrows of Pestilence. Charles F. Clark. Fulcrum, Golden, CO, 1994. xviii, 171 pp., + plates. \$23.95.

AIDS in Asia and the Pacific. J. M. Kaldor, Ed. Current Science, London, 1994. vii, 215 pp., illus. \$74.95 or £49.95.

AIDS Testing. A Comprehensive Guide to Technical, Medical, Social, Legal, and Management Issues. Gerald Schochetman and J. Richard George, Eds. 2nd ed. Springer-Verlag, New York, 1994. xiv, 411 pp., illus. \$49.

Algorithmic Learning. Alan Hutchinson. Clarendon (Oxford University Press), New York, 1994. xxvi, 434 pp., illus. \$90; paper, \$42.50. Graduate Texts in Computer Science.

Basin Analysis in Petroleum Exploration. A Case Study from the Békés Basin, Hungary. Paul G. Teleki, Robert E. Mattick, and János Kókai, Eds. Kluwer, Norwell, MA, 1994. xiv, 330 pp., illus. \$145 or £96 or Dfl. 240.

A Beginner's Guide to Constructing the Universe. The Mathematical Archetypes of Nature, Art, and Science. Michael S. Schneider. HarperCollins, New York, 1994. xxiii, 352 pp., illus. \$30.

The Biographical Dictionary of Scientists. Roy Porter, Ed. 2nd ed. Oxford University Press, New York, 1994. ix, 891 pp., illus. \$85.

Biological Anomalies. Humans III. William R. Corliss. Sourcebook Project, Glen Arm, MD, 1994. vi, 214 pp., illus. \$19.95.

Changes in Land Use and Land Cover. A Global Perspective. William B. Meyer and B. L. Turner II, Eds. Cambridge University Press, New York, 1994. xii, 537 pp., illus., + plates. \$49.95. Office for Interdisciplinary Earth Studies, Global Change Institute, vol. 4. From an institute, Snowmass Village, CO, 1991.

Child Psychology. The Modern Science. Ross Vasta, Marshall M. Haith, and Scott A. Miller. 2nd ed. Wiley, New York, 1994. xvi, 644 pp., illus., + appendices. \$62.95.

Circumstellar Media in the Late Stages of Stellar Evolution. R. E. S. Clegg *et al.*, Eds. Cambridge University Press, New York, 1994. xiv, 345 pp., illus. \$59.95. From a conference, Cambridge, UK, July 1993.

Dynamic Modeling. Bruce Hannon and Matthias Ruth. Springer-Verlag, New York, 1994. xiv, 248 pp., illus., + diskette (Mac or Windows). \$59.95.

Eating on the Wild Side. The Pharmacologic, Ecologic, and Social Implications of Using Noncultigens. Nina L. Etkin, Ed. University of Arizona Press, Tucson, 1994. x, 305 pp., illus. \$37.50.

Economic Aspects of Water Management in the Prehispanic New World. Vernon L. Scarborough and Barry L. Isaac, Eds. JAI, Greenwich, CT, 1994. xii, 471 pp., illus. \$73.25. Research in Economic Anthropology, supplement 7, 1993.

Entitlement and the Affectional Bond. Justice in Close Relationships. Melvin J. Lerner and Gerold Mikula. Plenum, New York, 1994. xvi, 358 pp. \$49.50.

Environment and Mental Health. Stephen M. Williams. Wiley, New York, 1994. xii, 184 pp., illus. \$54.95.

Glial Cells in the Central Nervous System and Their Reaction to Injury. Amico Bignami and Doris Dahl. Landes, Georgetown, TX, 1994 (distributor, CRC Press, Boca Raton, FL). x, 109 pp., illus. \$89.95.

Going Native. Biodiversity in Our Own Backyards. Janet Marinelli, Ed. Brooklyn Botanic Garden, Brooklyn, NY, 1994. 112 pp., illus. Paper, \$6.95. Handbook no. 140.

Handbook of Phytoalexin Metabolism and Action. M. Daniel and R. P. Purkayastha, Eds. Dekker, New York, 1994. xii, 615 pp., illus. \$195.

Human Stress and the Environment. Health Aspects. J. Rose, Ed. Gordon and Breach, Langhorne, PA, 1994 (U.S. distributor, International Publishers Distributor, Brooklyn, NY) xii, 228 pp., illus. \$147 or £96 or ECU 123. Environmental Topics, vol. 5.

Imagining the Universe. A Visual Journey. Edward Packard. Perigee, New York, NY, 1994. vi, 154 pp., illus. Paper, \$15.

Industrial Metabolism. Restructuring for Sustainable Development. Robert A. Ayres and Udo E. Simonis, Eds. United Nations University Press, Tokyo, 1994 (U.S. distributor, Unipub, Lanham, MD). xiv, 376 pp. illus. Paper, \$35.

Liver Gene Expression. François Tronche and Moshe Yaniv. Landes, Georgetown, TX, 1994 (distributor, CRC Press, Boca Raton, FL). xvi, 350 pp., illus. \$89.95.

Low-Capacity Cryogenic Refrigeration. G. Walker and E. R. Bingham. Clarendon (Oxford University Press), New York, 1994. xvi, 302 pp., illus. \$68. Monographs on Cryogenics, 9.

Low-Fat Meats. Design Strategies and Human Implications. Harold D. Hafs and Robert G. Zimbelman, Eds. Academic Press, San Diego, CA, 1994. xvi, 330 pp., illus. \$85.

Measurement, Regression, and Calibration. Philip J. Brown. Clarendon (Oxford University Press),

New York, 1994. x, 201 pp., illus. \$45. Oxford Statistical Science Series, 12.

Mechanisms of Lymphocyte Activation and Immune Regulation V. Molecular Basis of Signal Transduction. Sudhir Gupta *et al.*, Eds. Plenum, New York, 1994. x, 264 pp., illus. \$85. Advances in Experimental Medicine and Biology, vol. 365. From a conference, Newport Beach, CA, Feb. 1994.

Modules and Rings. John Dauns. Cambridge University Press, New York, 1994. xviii, 442 pp. \$69.95.

Nature as Landscape. Dwelling and Understanding. Kraft E. von Maltzahn. McGill-Queen's University Press, Montreal, 1994. x, 149 pp., illus. \$34.95.

The Nature of Nature. New Essays from America's Finest Writers on Nature. William H. Shore, Ed. Harcourt Brace, New York, 1994. xiv, 299 pp., illus. \$24.95.

Numerical Methods and Scientific Computing. Using Software Libraries for Problem Solving. Norbert Köckler. Clarendon (Oxford University Press), New York, 1994. xviii, 328 pp., illus. \$49.95.

Peptide Synthesis Protocols. Michael W. Pennington and Ben M. Dunn, Eds. Humana, Totowa, NJ, 1994. xii, 321 pp., illus. Spiral-bound, \$64.50. Methods in Molecular Biology, 35.

Pharmaceutical and Biomedical Applications of Liquid Chromatography. C. M. Riley, W. J. Lough, and I. W. Wainer, Eds. Pergamon (Elsevier Science), Tarrytown, NY, 1994. x, 379 pp., illus. \$136 or £85.

Physics and Our View of the World. Jan Hilgevoord, Ed. Cambridge University Press, New York, 1994. x, 304 pp., illus. \$49.95; paper, \$22.95. From a symposium, 1992.

Regional Silviculture of the United States. John W. Barrett. 3rd ed. Wiley, New York, 1994. xii, 643 pp., illus. \$79.95.

Regulation of Atmospheric CO₂ and O₂ by Photosynthetic Carbon Metabolism. N. E. Tolbert and Jack Preiss, Eds. Oxford University Press, New York, 1994. x, 272 pp., illus., \$75.

Reproduction and Development of Marine Invertebrates. W. Herbert Wilson, Jr., Stephen A. Stricker, and George L. Shinn, Eds. Johns Hopkins University Press, Baltimore, MD, 1994. x, 325 pp., illus. \$75. From a symposium, Seattle, June 1992.

The Scientific Revolution. A Historiographical Inquiry. H. Floris Cohen. University of Chicago Press, Chicago, 1994. xviii, 662 pp. \$75; paper, \$26.95.

Stellar Evolution. Amos Harpaz. Peters, Wellesley, MA, 1994. x, 261 pp., illus. \$39.95.

Stress-Induced Gene Expression in Plants. Amarjit Singh Basra, Ed. Harwood, Langhorne, PA, 1994 (distributor, International Publishers Distributor, Brooklyn, NY). xiv, 287 pp., illus. \$125 or £81 or ECU 104.

Structures in the Stream. Water, Science, and the Rise of the U.S. Army Corps of Engineers. Todd Shallat. University of Texas Press, Austin, 1994. xii, 276 pp., illus. \$34.95.

Subgroup Lattices of Groups. Roland Schmidt. De Gruyter, Hawthorne, NY, 1994. xvi, 572 pp. \$148.95 or DM 248. De Gruyter Expositions in Mathematics, 14.

Those of Little Note. Gender, Race, and Class in Historical Archaeology. Elizabeth M. Scott, Ed. University of Arizona Press, Tucson, 1994. xvi, 217 pp., illus. \$45.

Tropical Ecosystems. A Synthesis of Tropical Ecology and Conservation. Mundantra Balakrishnan, Reidar Borgström, and Stein W. Bie, Eds. International Science, Lebanon, NH, 1994. x, 441 pp., illus. \$69.

Tyrosine Kinases and Neoplastic Transformation. Stuart Kellie. Landes, Georgetown, TX, 1994 (distributor, CRC Press, Boca Raton, FL). iv, 100 pp., illus. \$89.95.

The Vortex State. Nicole Bontemps *et al.*, Eds. Kluwer, Norwell, MA, 1994. x, 328 pp., illus. \$156 or £104 or Dfl. 260. From an institute, Cargèse, Corsica, France. NATO ASI series C, vol. 438.

Voyage to the Great Attractor. Exploring Intergalactic Space. Alan Dressler. Knopf, New York, 1994. xii, 356 pp. illus. \$25.

Wavelets, Images, and Surface Fitting. Pierre-Jean Laurent *et al.*, Eds. Peters, Wellesley, MA, 1994. xvi, 528 pp., illus. \$69.95. From a conference, Chamonix-Mont-Blanc, France, June 1993.

Wild Dogs. The Wolves, Coyotes, and Foxes of North America. Erwin A. Bauer. Photographs by Erwin and Peggy Bauer. Chronicle, San Francisco, 1994. 120 pp., illus. \$27.50; paper, \$16.95 or £C21.95.