

Publications

Book Review

Lipid Metabolism and Its Pathology, edited by M.F. Halpern (Plenum Publishing Corp., 233 Spring St., New York, NY 10013, 1985, 265 pp., \$45.00 US and Canada, \$59.50 elsewhere).

This volume is the proceedings of the International Colloquium on Lipid Metabolism and Its Pathology held in Lisbon, Portugal, in 1980. It consists of 26 papers, the majority of which are on some aspect of lipoprotein metabolism. The proceedings open with a chap-

ter by Alaupovic on "Metabolic and Clinical Significance of the Lipoprotein Family Concept." Chapters follow on "Lipids and Proteins of Lipoproteins in Human Atherosclerosis"; "Comparison of Values of HDL-Cholesterol and of Apoprotein A₁ and B in the Assessment of Coronary Risk," and "A Comparative Study of Lipids and HDL-Cholesterol in Old Joggers and Patients with Coronary Infarction." There are papers on analytical methods for determination of apoproteins and characterization of human high density lipoproteins. Others deal with lipoprotein profiles and risk of heart disease,

obesity, and diagnosis and treatment of hyperlipidemias. Also covered are the effects of alcohol on HDL, dietary influences on lipoprotein profiles, phospholipids and platelet aggregation, and the testing of human lipoproteins for mutagenic activity. The articles generally are of good quality. It is unfortunate that it has taken nearly five years to publish these proceedings because the volume is now of limited value.

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New Publications

From Alan R. Liss Inc., 41 E. 11 St., New York, NY, 10003:

Neurobiology: Molecular Biological Approaches to Understanding Neuronal Function and Development, edited by Paul O'Lague, 1985, 212 pp., \$68.00.

Review of Biological Research in Aging, Vol. 2, edited by Morton Rothstein, 1985, 572 pp., \$96.

Opportunities in Chemistry, Committee to Survey Opportunities in the Chemical Sciences, National Academy Press, 2101 Constitution Ave. NW, Washington, DC, 20418, 1985, 344 pp., \$18.50 in the US, Canada and

Mexico, \$22.50 elsewhere.

Guidelines for Hazard Evaluation Procedures, American Institute of Chemical Engineers' Publication, 345 E. 47th St., New York, NY 10017, 1985, 200 pp., \$35 members, \$75 nonmembers.

From Academic Press Inc., 6277 Sea Harbor Dr., Orlando, FL 32821:

Bioorganic Chemistry, edited by Gordon A. Hamilton, 1985, \$89 US and Canada, \$107 elsewhere.

Hydrogenation Methods, by Paul N. Rylander, 1985, 200 pp., \$48.

What you should know about

industrial microwave processing, Svenson & Associates, 45 Webb Rd., Watsonville, CA 95976, 1985, free.

Materials Handbook: An Encyclopedia for Managers, Technical Professionals, Purchasing and Production Managers, Technicians, Supervisors and Foremen, 12th ed., by George S. Brady and Henry R. Clauser, McGraw-Hill Book Co., 1221 Avenue of the Americas, New York, NY 10020, 1985, 1,039 pp., \$59.50.

Computer-Aided Chemistry: New Routes to Tomorrow's Drugs and Chemicals, Technical Insights Inc., PO Box 1304, Fort Lee, NJ 07024, 1985, 240 pp., \$675 US, \$705 elsewhere.

New Products

HPLC COLUMNS

Beckman Instruments has introduced Ultrasphere-XL columns for quality control and assurance HPLC applications. The 75-mm columns feature 3 μ packings providing over 100,000 plates per meter. The columns are designed for fast sample separations. Contact: Beckman Instruments Inc., Altex Div., 2350 Camino Ramon, San Ramon, CA 94583.

LIQUID DISPENSER

Chemtrix' "Dial A Quat" liquid dispenser features a self-centering micrometer mechanism to provide

reproducibility of 0.1%. The device has a two-value system designed to prevent accidental drips. The delivery tube is secured by a threaded connection. It comes with thread adapters to allow pipetting directly from laboratory reagent bottles. Contact: Michael J. Kilday, Chemtrix Inc., 163 S.W. Freeman, Hillsboro, OR 97123.

DISC COMPRESSION TOOL

A disc compression tool from Equipment Engineering was developed to adapt to most high-speed centrifuges regardless of the manufacturer. The tool is compact,

light-weight and factory-calibrated. Contact: Equipment Engineering, Parts Dept., 757 E. Murry St., Indianapolis, IN 46227.

LIQUID LEVEL INDICATOR

Granzow offers a liquid level indicator consisting of rollers that move 180 degrees when magnetized by the inside float. The resulting visual effect shows a color change indicating the tank level. The instrument is available in lengths up to 275" and is checked for pressure up to 600 psig. Contact: Granzow Inc., 6033 Kenley Ln., Charlotte, NC 28210.