# Table Of Contents:

**Part I Laboratory Techniques** 1 (438)
- Basic Laboratory Principles and Techniques 3 (42)
  - Bette Seamonds
  - Elizabeth Ann Byrne
- Calculations in Clinical Chemistry 5 (29)
  - D. Robert Dufour
- Laboratory Management 45 (19)
  - Lawrence J. Crolla
  - Lisa Reninger
  - Paul W. Stiffler
- Sources and Control of Preanalytical Variation 64 (19)
  - D. Robert Dufour
- Spectral Techniques 83 (24)
  - Amadeo J. Pesce
  - Christopher S. Frings
  - Jack Gauldie
Chromatography: Theory and Practice 107 (22)
  M. Wilson Tabor
Liquid Chromatography 129 (25)
  David J. Anderson
Gas Chromatography 154 (17)
  Alphonse Poklis
Mass Spectrometry 171 (16)
  Michael Lehrer
Radioisotopes in Clinical Chemistry 187 (14)
  I-Wen Chen
Electrophoresis 201 (15)
  John M. Brewer
Immunological Reactions 216 (11)
  Carolyn S. Feldkamp
Imunochemical Techniques 227 (19)
  Carolyn S. Feldkamp
Principles for Competitive-Binding Assays 246 (19)
  Stephan G. Thompson
Measurement of Colligative Properties 265 (7)
  Lawrence A. Kaplan
Electrochemistry: Principles and Measurements 272 (15)
  William R. Heineman
  Jon R. Kirchhoff
  John F. Wheeler
  Craig E. Lunte
  Sarah H. Jenkins
Laboratory Automation 287 (16)
  Michael A. Pesce
Point-of-Care (Near-Patient) Testing 303 (17)
  Ellis Jacobs
Laboratory Information Systems 320 (20)
    David Chou
Laboratory Statistics 340 (22)
    Stephen E. Kahn
    Mark A. Jandreski
Reference Intervals and Clinical Decision Limits 362 (17)
    Edward A. Sasse
Quality Control for the Clinical Chemistry Laboratory 379 (23)
    Kenneth E. Blick
    Richard B. Passey
Evaluation of Methods 402 (25)
    Carl C. Garber
    R. Neill Carey
Interferences in Chemical Analysis 427 (12)
    Amadeo J. Pesce
    Lawrence A. Kaplan
Part II Pathophysiology 439 (673)
    Physiology and Pathophysiology of Body 441 (21)
Water and Electrolytes 441 (21)
    John M. Lorenz
    Leonard I. Kleinman
Acid-Base Control and Acid-Base Disorders 462 (15)
    John E. Sherwin
Renal Function 477 (15)
    Martin Roy First
Liver Function 492 (15)
    John E. Sherwin
Bone Disease 507 (28)
    Oussama Itani
Reginald C. Tsang
The Pancreas: Function and Chemical Pathology 535 (14)

D. Robert Dufour
Gastrointestinal Function and Digestive Disease 549 (17)

D. Robert Dufour
Cardiac and Muscle Disease 566 (14)
Wendy R. Sanhai
Robert H. Christenson

Diabetes Mellitus 580 (23)
Richard F. Dods

Coronary Artery Disease and Disorders of Lipid Metabolism 603 (36)
Lipids 604 (8)
Lipoproteins 612 (27)
Herbert K. Naito

Alcoholism 639 (18)
Jeri D. Ropero-Miller
Ruth E. Winecker

Iron, Porphyrin, and Bilirubin Metabolism 657 (18)
Iron Metabolism 658 (5)
Heme Synthesis and the Porphyrias 663 (8)
Bilirubin 671 (4)
William E. Schreiber

Hemoglobin 675 (20)
Harold R. Schumacher
Carmelita Alvares
Fermina M. Mazzella

Human Nutrition 695 (12)
Nancy W. Alcock
Trace Elements 707 (15)
  Nancy W. Alcock

Vitamins 722 (31)
  James G. Donnelly

Pregnancy and Fetal Development 753 (26)
  John F. Chapman, Jr.
  Catherine A. Hammett-Stabler
  Jane E. Phillips

Extravascular Biological Fluids 779 (8)
  Lewis Glasser

Nervous System 787 (22)
  Michael D. Privitera
  Cathy Cao
  Marcia Kaplan

General Endocrinology 809 (18)
  Laurence M. Demers

Thyroid 827 (22)
  Mariano Fernandez-Ulloa

The Gonads 849 (27)
  Elisabeth Nye

Adrenal Hormones and Hypertension 876 (31)
  The Adrenal Hormones 878 (22)
  Hypertension 900 (7)
  Morris R. Pudek

Diseases of Genetic Origin 907 (30)
  Donald L. Rucknagel
  Richard Wenstrup

Molecular Diagnostics 937 (23)
  W. Edward Highsmith, Jr.
  Niel T. Constantine
  Kenneth J. Friedman
<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neoplasia</td>
<td>960 (12)</td>
</tr>
<tr>
<td>Barry N. Elkins</td>
<td></td>
</tr>
<tr>
<td>Laboratory Evaluation of the Transplant</td>
<td>972 (17)</td>
</tr>
<tr>
<td>Recipient and Donor</td>
<td></td>
</tr>
<tr>
<td>Rita R. Alloway</td>
<td></td>
</tr>
<tr>
<td>Toxicology</td>
<td>989 (27)</td>
</tr>
<tr>
<td>Catherine A. Hammett-Stabler</td>
<td></td>
</tr>
<tr>
<td>Ruth E. Winecker</td>
<td></td>
</tr>
<tr>
<td>Jeri D. Ropero-Miller</td>
<td></td>
</tr>
<tr>
<td>Addiction and Substance Abuse</td>
<td>1016(8)</td>
</tr>
<tr>
<td>R. Jeffrey Goldsmith</td>
<td></td>
</tr>
<tr>
<td>Cheryl Lesar</td>
<td></td>
</tr>
<tr>
<td>Classifications and Descriptions of Proteins, Lipids, and Carbohydrates</td>
<td>1024(19)</td>
</tr>
<tr>
<td>Proteins</td>
<td>1025(5)</td>
</tr>
<tr>
<td>Lipids</td>
<td>1030(5)</td>
</tr>
<tr>
<td>Carbohydrates</td>
<td>1035(2)</td>
</tr>
<tr>
<td>Nucleic Acids</td>
<td>1037(6)</td>
</tr>
<tr>
<td>Lawrence A. Kaplan</td>
<td></td>
</tr>
<tr>
<td>Herbert K. Naito</td>
<td></td>
</tr>
<tr>
<td>Amadeo J. Pesce</td>
<td></td>
</tr>
<tr>
<td>Clinical Enzymology</td>
<td>1043(21)</td>
</tr>
<tr>
<td>David C. Hohnadel</td>
<td></td>
</tr>
<tr>
<td>Isoenzymes and Isoforms</td>
<td>1064(9)</td>
</tr>
<tr>
<td>Wendy R. Sanhai</td>
<td></td>
</tr>
<tr>
<td>Robert H. Christenson</td>
<td></td>
</tr>
<tr>
<td>Therapeutic Drug Monitoring (TDM)</td>
<td>1073(19)</td>
</tr>
<tr>
<td>Basic Overview of Principles</td>
<td>1075(11)</td>
</tr>
<tr>
<td>Practical Aspects of TDM</td>
<td>1086(6)</td>
</tr>
<tr>
<td>Wolfgang A. Ritschel</td>
<td></td>
</tr>
<tr>
<td>Michael Oellerich</td>
<td></td>
</tr>
</tbody>
</table>
Summary:

Publisher Summary 1
The fourth edition contains revised material, including new material on the CD-ROM, such as the urinalysis chapter. New material is included on point-of-care testing, HIPPA, recent concepts of LIS technology, bone disease and women's health, recent NCEP guidelines for cholesterol screening, fetal lung maturity testing, and screening for gestational diabetes. Two new sections have been added on bioterrorism and the human genome project and genetic-based disease.
Most of the contributors are affiliated with US hospitals; some are in Canada and Germany. Annotation (c) Book News, Inc., Portland, OR (booknews.com)

Publisher Summary 2
This comprehensive, up-to-date, readable text acts as a complete clinical chemistry course and professional reference, providing detailed, specific information on the principles of clinical chemistry in laboratory diagnosis as well as the pathophysiologic changes that occur in disease and affect testing outcomes. Explanations of Laboratory Techniques (Part 1) lead the reader through various necessary laboratory techniques and practices. Chapters on Pathophysiology (Part 2) provide descriptions of how specific diseases affect the human body. A companion CD-ROM packaged with the book features Methods of Analysis, a comprehensive Urinalysis Manual, and an interactive Study Guide/Workbook to reinforce concepts. The book's clear writing and comprehensive coverage make it an ideal resource for both students and practitioners.

Instructor resources are available to qualified adopters; contact your sales representative for more information.

- A clear and concise writing style facilitates quick understanding and more effective exam preparation.
- Comprehensive coverage addresses the full range of issues in clinical chemistry.
- Unique new chapters on Addiction, The Transplant Patient, and Point-of-Care Testing discuss important clinical areas not covered in other books on the subject.
• A complete bibliography and list of references direct the reader to reliable sources for further exploration of topics.
• Each chapter begins with an outline and learning objectives, followed by a list of key terms designed to reinforce the most important information in each chapter and make it more memorable.
• Figures and tables are placed as close as possible to the text to which they refer, to aid reader comprehension.

• Relevant Internet sites direct the reader to additional online content that complements the topics discussed in each chapter.
• A companion CD-ROM contains 123 Methods of Analysis, a Urinalysis Section, and a Study Guide/Workbook featuring over 700 questions and 30 case histories, bringing together practical pathophysiology laboratory problems and laboratory analysis.

With 68 expert contributors.

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