

Download Free Free Ebooks Devlin Biochemistry 7th Edition Pdf For Free

Brock Biology of Microorganisms Apr 24 2020
"Teaches the principles of modern microbiology. Includes both historical background and foundational aspects of microbiology, as well as a robust and modern treatment of microbiology with concrete examples of the microbial world"--

Essential Orthopedics: Principles and Practice 2 Volumes Sep 10 2021
Essential Orthopedics:

Principles & Practice is an extensive, illustrated guide to the field of orthopaedics. Principles and practice for shoulder, hip, spine, hand, foot and ankle are covered, including anatomy, physiology, pathology and diseases. Essential Orthopedics: Principles & Practice includes all modern research methodologies, such as biostatistics, advanced imaging and gene therapy. Enhanced by 2000 full colour illustrations

this is a comprehensive resource for all interns, residents and orthopaedic surgeons.

Marks' Basic Medical Biochemistry Mar 16 2022
Connect biochemistry to clinical practice! Marks' Basic Medical Biochemistry links biochemistry to physiology and pathophysiology, allowing students to apply fundamental concepts to the practice of medicine - from diagnosing patients to recommending

effective treatments. Intuitively organized chapters center on hypothetical patient vignettes, highlighting the material's clinical applications; helpful icons allow for smooth navigation, making complex concepts easier to grasp. Full-color illustrations make chemical structures and biochemical pathways easy to visualize. Patient vignettes connect biochemistry to human health and disease. Clinical Notes explain patient signs or symptoms, and Method Notes relate biochemistry to the laboratory tests ordered during diagnosis. Clinical Comments link biochemical dynamics to treatment options and patient outcomes. Biochemical

Comments explore directions for new research. Key Concepts and Summary Disease tables highlight the take-home messages in each chapter. Questions and answers at the end of each chapter - 470 total inside the book, with 560 more online - probe students' mastery of key concepts. Additional handy resources available online make it easy to review all diseases and all methods covered throughout the book and to find references for further information and study
[How Tobacco Smoke Causes Disease](#) Feb 21 2020 This report considers the biological and behavioral mechanisms that may underlie the

pathogenicity of tobacco smoke. Many Surgeon General's reports have considered research findings on mechanisms in assessing the biological plausibility of associations observed in epidemiologic studies. Mechanisms of disease are important because they may provide plausibility, which is one of the guideline criteria for assessing evidence on causation. This report specifically reviews the evidence on the potential mechanisms by which smoking causes diseases and considers whether a mechanism is likely to be operative in the production of human disease by tobacco smoke. This evidence

is relevant to understanding how smoking causes disease, to identifying those who may be particularly susceptible, and to assessing the potential risks of tobacco products.

Biochemistry Aug 17 2019
Lippincott Illustrated Reviews: Biochemistry is the long-established, first-and-best resource for the essentials of biochemistry. Students rely on this text to help them quickly review, assimilate, and integrate large amounts of critical and complex information. For more than two decades, faculty and students have praised this best-selling biochemistry textbook for its matchless illustrations that make concepts come to life.

Master all the latest biochemistry knowledge, thanks to extensive revisions and updated content throughout, including an expanded chapter on macronutrients, a completely new chapter on micronutrients, and much more. A bonus chapter on blood clotting with new, additional questions is included online. See how biochemistry applies to everyday healthcare through integrative, chapter-based cases as well as "Clinical" boxes throughout. Learn and study effortlessly with a concise outline format, abundant full-color artwork, and chapter overviews and summaries. Look for icons that

signal an animation at thePoint or an integrative clinical case in the Appendix. Assess and reinforce your learning with more than 200 new review questions available online.

Devlin's Textbook of Biochemistry with Clinical Correlations, 8th Edition

Nov 19 2019

Textbook of Medical Biochemistry Dec 13 2021

The third edition of the book is thoroughly updated and presented in a new two-colour format. The book presents a detailed and authoritative exposition of the basic principles and applications of biochemistry. It focuses primarily on clarity of the fundamental concepts and

explains them according to the need of undergraduate medical students. The organization of content in this book is such that it provides the reader with a logical sequence of events that aids learning. More emphasis in this edition is to systemize presentation and make reading soothing and pleasurable by deleting redundant details, adding new text and figures, improvement of earlier figures, supplementing text with easy to comprehend flowcharts, without changing basic framework of the book. Each chapter ends with clinical cases and the related questions, which evokes yet another method of active learning

rather than didactic methods of imparting knowledge. Key points have been highlighted and boxed at the end of each topic for quick revision of the core concepts. This book comes with a free companion website which contains self-assessment exercises, detailed case discussions related to the clinical cases given inside the book, glossary and various other features for enhanced learning.

Disorders of Lipid

Metabolism May 06 2021 For the past 30 years I have been teaching lipid biochemistry to medical students, graduate students, and undergraduate students. The major topics covered in my courses were

fatty acids, prostaglandins, leukotrienes, phospholipids, glyco lipids, triacylglycerols, cholesterol, bile acids, and plasma lipoproteins. Emphasis was placed on the regulation and disorders of lipid metabolism. The latter included hyperlipidemias, atherosclerosis, and alcohol-induced liver damage. In this volume, I have chosen to focus on the disorders of lipid metabolism at a level appropriate both for medical students and for graduate and undergraduate students majoring in the biological sciences. The biochemistry, nutrition, genetics, and cell biology aspects of lipids and lipid metabolism will be

covered as they relate to lipid disorders. I am not aware of any textbook that integrates the disorders of lipid metabolism in this manner. Chapter 1 includes a brief discussion of the basic structures, properties, and metabolism of lipids. This chapter is not very detailed, since the material covered is available in basic textbooks on biochemistry. The major focus of this volume is the various lipid disorders, with emphasis on polyunsaturated fatty acids, the molecular biology and pathogenesis of the hyperlipidemias, dietary and drug therapy for the hyperlipidemias, and alcohol-induced liver damage. The

material presented has been obtained from several textbooks on biochemistry and from a variety of recent articles in the scientific literature.

Biochemistry, Molecular Biology, and Genetics Jun 26 2020 BRS Biochemistry, Molecular Biology, and Genetics, Seventh Edition helps ensure excellence in class exams and on the USMLE Step 1. The popular Board Review Series outline format keeps content succinct and accessible for the most efficient review, accompanied by bolded key terms, detailed figures, quick-reference tables, and other aids that highlight important concepts and reinforce understanding. Updated

Clinical Considerations boxes demonstrate the practical applications of chapter concepts. More than 500 USMLE-style review questions ensure confidence on course exams and the USMLE Step 1. -
- Publisher

Harper's Illustrated Biochemistry Thirty-First Edition Feb 03 2021 Gain a full understanding of the principles of biochemistry as it relates to clinical medicine A Doody's Core Title for 2020! The Thirty-First Edition of Harper's Illustrated Biochemistry continues to emphasize the link between biochemistry and the understanding of disease states, disease pathology, and

the practice of medicine. Featuring a full-color presentation and numerous medically relevant examples, Harper's presents a clear, succinct review of the fundamentals of biochemistry that every student must understand in order to succeed in medical school. All 58 chapters help you understand the medical relevance of biochemistry: • Full-color presentation includes more than 600 illustrations • Case studies emphasize the clinical relevance of biochemistry • NEW CHAPTER on Biochemistry of Transition Metals addresses the importance and overall pervasiveness of transition

metals • Review Questions follow each of the eleven sections • Boxed Objectives define the goals of each chapter • Tables encapsulate important information • Every chapter includes a section on the biomedical importance of a given topic NEW TO THIS EDITION: • Emphasis throughout on the integral relationship between biochemistry and disease, diagnostic pathology, and medical practice • Hundreds of references to disease states throughout • New chapter addressing the biochemical roles of transition metals • Many updated review questions • Frequent tables summarizing key links to disease states •

New text on cryo-electron microscopy (cryo-EM) • Cover picture of the protein structure of the Zika virus, solved by cryo-EM Applauded by medical students and online reviewers for its currency and engaging style, Harper's Illustrated Biochemistry is essential for USMLE® review and the single-best reference for learning the clinical relevance of any biochemistry topic.

Fundamentals of

Biochemistry Dec 01 2020

This book has been primarily designed to familiarize the students with the basic concepts of biochemistry such as biomolecules, bioenergetics, metabolism, hormone biochemistry, nutrition

biochemistry as well as analytical biochemistry. The book is flourished with numerous illustrations and molecular structures which would not only help the students in assimilating extensive information on a spectrum of concepts in biochemistry, but also help them in retaining the concepts in an effective manner.

Textbook of Biochemistry

Apr 17 2022 This completely revised and updated edition provides a comprehensive overview of mammalian biochemistry. Topics examined include introductions to the structure of the cell and protein composition, followed by in depth coverage of

biological membranes, bioenergetics, metabolism of carbohydrates, lipids, amino acids and nucleotides. Chapters have been updated on DNA replication and repair, recombinant DNA and biotechnology, regulation of gene expression and RNA structure and function. Further subjects covered include protein synthesis and post-translational modification, biochemistry of hormones, and biotransformation.

Textbook of Biochemistry

for Medical Students Sep 22 2022 The seventh edition of this book is a comprehensive guide to biochemistry for medical students. Divided into six sections, the book examines

in depth topics relating to chemical basics of life, metabolism, clinical and applied biochemistry, nutrition, molecular biology and hormones. New chapters have been added to this edition and each chapter includes clinical case studies to help students understand clinical relevance. A 274-page free booklet of revision exercises (9789350906378), providing essay questions, short notes, viva voce and multiple choice questions is included to help students in their exam preparation. Free online access to additional clinical cases, key concepts and an image bank is also provided. Key points Fully updated, new edition providing

students with comprehensive guide to biochemistry Includes a free booklet of revision exercises and free online access Highly illustrated with nearly 1500 figures, images, tables and illustrations Previous edition published in 2010

Discovering Nutrition Jul 08 2021 Issued with access to Navigate 2 online learning materials.

Fundamentals of

Biochemistry Feb 15 2022 In this latest Seventh Edition , five New Chapters (No. 28, 29, 33, 36 and 37) have been added to enhance the scope and utility of the book: three chapters pertain to Bioenergetics and Metabolism

(Biosynthesis of Nucleotides, Degradation of Nucleotides, Mineral Metabolism) and two to Nutrition Biochemistry (Principles of Nutrition, Elements of Nutrition). In fact, all the previously-existing 35 chapters have been thoroughly revised, enlarged and updated in the light of recent advancements and the ongoing researches being conducted the world over.

Biochemistry Apr 05 2021 In accordance with changes towards more integrated learning in medicine, this book gives basic science students a thorough grounding in biochemistry, especially those aspects which relate to human health and response.

Text Book of Biochemistry Jan 14 2022 Contents: Importance of Biochemistry in Nutrition, Measurements, Carbohydrates, Lipids, Proteins, Muscle Proteins in Fishes, Enzymes, Nucleic Acid and Genetic Code, Vitamins, Hormones, Pigments Carotenoids.

Blackwell's Nursing Dictionary Oct 19 2019 "This dictionary is clear, concise and easy to use...My advice to anyone wishing to purchase a nursing dictionary would be to...buy this one" Journal of Advanced Nursing (on the first edition) All the information you'll ever need - in one dictionary! Key features * Over 15,000 entries * Comprehensive - much more information than a pocket

dictionary * Informed by current nursing research and clinical practice * Includes latest UK legislation and policy changes * Accessible, authoritative and contemporary * Invaluable and informative appendices Appendices include: · Normal values · Lists of websites for key nursing journals and organizations · The NMC code of professional conduct · QAA benchmarking standards · Nursing research, Information technology and emergency care · Continuing professional development and PREP requirements “very user friendly” European Journal of Cancer Care (on the first edition)

March's Advanced Organic

Chemistry Oct 31 2020 The Sixth Edition of a classic in organic chemistry continues its tradition of excellence Now in its sixth edition, March's Advanced Organic Chemistry remains the gold standard in organic chemistry. Throughout its six editions, students and chemists from around the world have relied on it as an essential resource for planning and executing synthetic reactions. The Sixth Edition brings the text completely current with the most recent organic reactions. In addition, the references have been updated to enable readers to find the latest primary and review literature with ease. New features include: More

than 25,000 references to the literature to facilitate further research Revised mechanisms, where required, that explain concepts in clear modern terms Revisions and updates to each chapter to bring them all fully up to date with the latest reactions and discoveries A revised Appendix B to facilitate correlating chapter sections with synthetic transformations **Principles of Medical Biochemistry E-Book** Dec 21 2019 For nearly 30 years, Principles of Medical Biochemistry has integrated medical biochemistry with molecular genetics, cell biology, and genetics to provide complete yet concise coverage that links

biochemistry with clinical medicine. The 4th Edition of this award-winning text by Drs. Gerhard Meisenberg and William H. Simmons has been fully updated with new clinical examples, expanded coverage of recent changes in the field, and many new case studies online. A highly visual format helps readers retain complex information, and USMLE-style questions (in print and online) assist with exam preparation. Just the right amount of detail on biochemistry, cell biology, and genetics - in one easy-to-digest textbook. Full-color illustrations and tables throughout help students master challenging concepts more easily. Online case

studies serve as a self-assessment and review tool before exams. Online access includes nearly 150 USMLE-style questions in addition to the questions that are in the book. Glossary of technical terms. Clinical Boxes and Clinical Content demonstrate the integration of basic sciences and clinical applications, helping readers make connections between the two. New clinical examples have been added throughout the text.

Netter's Essential Biochemistry E-Book Aug 09 2021 Concise writing, a focus on clinical applications, and superb illustrations make Netter's Essential Biochemistry, by

Peter Ronner, PhD, the perfect choice for a basic understanding of biochemistry.. A single expert voice, informed by the insights of a team of reviewers, provides continuity throughout the text, presenting essentials of biochemical principles step by step. Summary diagrams help you grasp key concepts quickly, and end-of-chapter questions reinforce key concepts. Provides a highly visual, reader-friendly approach to the challenging area of biochemistry. Integrates the clinical perspective throughout the text, giving context and meaning to biochemistry. Frames every chapter with helpful synopses and

summaries, and ends each chapter with review questions that reinforce major themes. Illustrates key concepts with beautifully clear drawings and diagrams of biochemical processes which are supplemented with art from the renowned Netter collection, bridging basic sciences with clinical practice.

Essentials of Medical

Biochemistry Nov 24 2022

Expert biochemist N.V.

Bhagavan's new work

condenses his successful

Medical Biochemistry texts

along with numerous case

studies, to act as an extensive

review and reference guide for

both students and experts

alike. The research-driven

content includes four-color illustrations throughout to develop an understanding of the events and processes that are occurring at both the molecular and macromolecular levels of physiologic regulation, clinical effects, and interactions. Using thorough introductions, end of chapter reviews, fact-filled tables, and related multiple-choice questions, Bhagavan provides the reader with the most condensed yet detailed biochemistry overview available. More than a quick survey, this comprehensive text includes USMLE sample exams from Bhagavan himself, a previous coauthor. * Clinical focus emphasizing relevant

physiologic and pathophysiologic biochemical concepts * Interactive multiple-choice questions to prep for USMLE exams * Clinical case studies for understanding basic science, diagnosis, and treatment of human diseases * Instructional overview figures, flowcharts, and tables to enhance understanding *Analytical Techniques in Biochemistry and Molecular Biology* Jun 07 2021 Advances in biochemistry now allow us to control living systems in ways that were undreamt of a decade ago. This volume guides researchers and students through the full spectrum of experimental protocols used in biochemistry, plant biology and

biotechnology.

Biochemical Changes during the Human Lifespan Sep 17 2019

Throughout life, human beings undergo several hormonal changes responsible for growth and maturation.

These alterations in hormone secretion include enhanced or decreased production, the latter of which is mainly observed during aging. These processes are intrinsic to human development, but may vary from individual to individual. Thus, experienced metabolic changes can alter the state of health and even trigger the development of certain pathologies. The main metabolic differences observed in newborns and children when

compared to adults result from the fact that the organism is not yet fully developed. During adolescence, changes in hormone secretion occur that lead to sexual maturation. In the same way, during pregnancy, women suffer alterations in the secretion of certain hormones which allow the adaptation of their bodies to that physiological state and the normal development of the foetus. As for the elderly, a general decline of health is observed during ageing, and hormonal dysfunctions, such as the development of insulin resistance and thyroid dysfunction, frequently occur. This volume focuses on metabolic and hormonal

changes during the human lifetime. Screenings best suited for each life stage, the reasons for doing them, and the diseases they allow the diagnosis of are also presented. **Nutrition** May 18 2022 "Given the vast amount of research focused on food and nutrition, it can prove daunting for introductory nutrition instructors to present their students with the latest scientific content. Insel's Nutrition presents the latest nutrition research in an accessible format, supplemented by a behavior-change approach that encourages active student engagement"-- *Biochemistry* Aug 21 2022

Lippincott's Illustrated Reviews: Biochemistry is the long-established, first-and-best resource for the essentials of biochemistry. Students rely on this text to help them quickly review, assimilate, and integrate large amounts of complex information. For more than two decades, faculty and students have praised LIR Biochemistry's matchless illustrations that make critical concepts come to life.

Biochemistry May 26 2020
Over the next 2 years around 50 titles will be published, covering a comprehensive range of disciplines within medicine and health sciences. In a handy 152mm x 122mm size, and between 250-350

pages, these pocket atlases will contain up-to-the-minute information on their subject, which has been compiled, distilled and updated from prior work by each author. Each mini-atlas will also contain a free CD-ROM or DVD-ROM with material to accompany and complement the text. The "Anshan Gold Standard Mini Atlas Series" will appeal to everyone involved in medicine and health sciences, from undergraduates to private practitioners, from medical professionals and academics. The full series will develop into an outstanding resource for any medical library, and each individual title will be a great value-for-

money addition to a personal collection, for use as a portable reference for work or home. The first books will publish in February 2007, with a consistent flow of additional titles each month throughout 2007.

Biochemistry - With Clinical Correlations Jun 19 2022 This book presents a clear and precise discussion of the biochemistry of eukaryotic cells, particularly those of mammalian tissues, relates biochemical events at a cellular level to the subsequent physiological processes in the whole animal, and cites examples of abnormal biochemical processes in human disease. The

organization and content are tied together to provide students with the complete picture of biochemistry and how it relates to human diseases.

Enzymes Aug 29 2020 In recent years, there have been considerable developments in techniques for the investigation and utilisation of enzymes. With the assistance of a co-author, this popular student textbook has been updated to include techniques such as membrane chromatography, aqueous phase partitioning, engineering recombinant proteins for purification and due to the rapid advances in bioinformatics/proteomics, a discussion of the analysis of

complex protein mixtures by 2D-electrophoresis and RPHPLC prior to sequencing by mass spectroscopy. Written with the student firmly in mind, no previous knowledge of biochemistry, and little of chemistry, is assumed. It is intended to provide an introduction to enzymology, and a balanced account of all the various theoretical and applied aspects of the subject which are likely to be included in a course. Provides an introduction to enzymology and a balanced account of the theoretical and applied aspects of the subject Discusses techniques such as membrane chromatography, aqueous phase partitioning and

engineering recombinant proteins for purification Includes a discussion of the analysis of complex protein mixtures by 2D-electrophoresis and RPHPLC prior to sequencing by mass spectroscopy

Textbook of Biochemistry with Clinical Correlations

Dec 25 2022 This book presents the biochemistry of mammalian cells, relates events at the cellular level to the subsequent physiological processes in the whole animal, and cites examples of human diseases derived from aberrant biochemical processes.

Textbook of Medical Biochemistry Jul 20 2022 The eighth edition of Textbook of

Medical Biochemistry provides a concise, comprehensive overview of biochemistry, with a clinical approach to understand disease processes. Beginning with an introduction to cell biology, the book continues with an analysis of biomolecule chemistry, molecular biology and metabolism, as well as chapters on diet and nutrition, biochemistry of cancer and AIDS, and environmental biochemistry. Each chapter includes numerous images, multiple choice and essay-style questions, as well as highlighted text to help students remember the key points.

Handbook of Biochemistry and

Molecular Biology Jan 22 2020

A comprehensive compendium of basic biochemical information, the convenient easy-to-use format of this revised edition includes physical and chemical data on proteins, lipids, vitamins, nucleic acids and carbohydrates. New sections will be added on DNA modification, novel protein analysis methods, lipidomics and chemical biology.

Lehninger Principles of Biochemistry Oct 23 2022 CD-ROM includes animations, living graphs, biochemistry in 3D structure tutorials.

Nutrition Nov 12 2021
Written for majors and advanced non-majors, the Sixth

Edition of Nutrition provides a modern, comprehensive introduction to nutrition concepts, guidelines, and functions. Its student-focused approach provides readers with the knowledge they need to make informed decisions about their overall nutrition.

Dermatologic Ultrasound with Clinical and Histologic Correlations Mar 04 2021

Significant technological advances have produced equipment that allows imaging of the skin with variable frequency ultrasound in previously unseen detail and provides a range of dynamic data that is currently unmatched by any other technology. Dermatologic

Ultrasound with Clinical and Histologic Correlations is a comprehensive introduction to ultrasonography of the skin, nails, and scalp as it relates to the assessment and diagnosis of dermatologic diseases. It provides radiologists, sonographers, dermatologists, and physicians with interest in skin imaging with a concise understanding of the diagnosis of dermatologic conditions through extensive high-resolution gray scale and color Doppler ultrasound images and presents classical correlations of clinical dermatologic lesions with sonographic and histologic findings. Featuring more than 1700 images, this text-atlas provides an excellent starting

point in learning about this topic. Featuring contributions from world-renowned authorities in the field of superficial ultrasound imaging, the book reviews the technical considerations relating to color Doppler ultrasound of the skin; surveys the dermatologic entities that can be visualized with ultrasound imaging, such as cutaneous tumors, inflammatory diseases, hemangiomas and vascular malformations, melanoma, nail tumors, scalp diseases and cosmetic conditions; shows common simulators of cutaneous diseases; and discusses protocols for assessing common dermatologic conditions.

Inclusion of clinical overviews, tips, and pitfalls enables a better understanding of the pathologies of the disorders and the methodological approach in assessing these entities.

Biochemistry for the Pharmaceutical Sciences Jan 02 2021 Biochemistry for the Pharmaceutical Sciences is a concise, practical resource for pharmacy students to apply and expand their understanding of biochemistry as it relates to pharmacy practice. With pedagogical features designed to make complex concepts comprehensible, this text presents biochemistry in a clear and comprehensible

format with a pharmaceutical focus. Real-world applications of scientific principles allow students to better comprehend and appreciate how biochemistry will impact their professional practice. Chapter Features • Learning Objectives • Glossary of Key Terms • Clinical Application Boxes • Discussion Questions Includes over 400 figures and tables to help students formulate an understanding of the mathematical, chemical, and biological concepts. Instructor Resources: PowerPoint Slides, Image Bank

MEDICAL BIOCHEMISTRY

Oct 11 2021 In this book, four new sections have been added in this edition containing

multiple choice questions (MCQs), problem oriented case studies, very short question with answer and Biochemistry course curriculum of different Universities. MCQ will definitely be useful to the students appearing for PG entrance examinations later. Problems relating to biochemical case studies have recently been introduced in question papers of many medical universities and in this context, these will be of immense help to the students for diagnostics analysis. In this new edition very recent questions have been incorporated, some short questions with answers and new case history are added.

Guide line of Medical Council of India (MCI) for Biochemistry course curriculum is appended, so the students will be aware about the must know and desirable to know area in the subject. Through separate chapters have been earmarked for paper I & II in the courses of study of different Universities, sometimes the question setters do not strictly adhere to the instructions laid down in it, while setting questions. Although it happens occasionally the students have to bear this anomaly as there is no remedy for it. Ophthalmic Disease in Veterinary Medicine Jul 28 2020 5* Doody's Review: 98/100! Featuring a new

author team, this seminal book has been completely updated and significantly expanded. Following an outline of the basic elements of ophthalmic science relevant to study and practice, the authors provide a detailed description and discussion of each condition including etiology, clinical signs, diagnosis, prognosis, and therapy, as well as a section dedicated to presumed inherited eye disorders. The focus throughout remains on the clinical needs of the practitioner and the student.

Beautifully illustrated in full color, the book is aimed at trainee and practicing veterinarians interested in all types of ophthalmic diseases and disorders. Although the focus is on small animals, there is additional material on the horse and the cow. For this edition, a diverse group of authors from many geographic regions of training and practice offer a breadth of clinical expertise.

SELF ASSESSMENT AND REVIEW OF BIOCHEMISTRY. Mar 24 2020

Genetics and Genomics in Medicine Sep 29 2020 Genetics and Genomics in Medicine is a new textbook written for undergraduate students, graduate students, and medical researchers that explains the science behind the uses of genetics and genomics in medicine today. Rather than focusing narrowly on rare inherited and chromosomal disorders, it is a comprehensive and integrated account of how geneti

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