

Wheaters Functional Histology 5th Edition

Celebrating a vast readership among clinical laboratory personnel for over two decades, *Medical Laboratory Technology*, in its revised, enlarged and updated edition, brings together all relevant medical laboratory technologies—new and existing ones—in three volumes. Particularly tailored to the needs of laboratories with limited facilities in developing countries, the book: Describes all tests in a step-by-step manner with guidelines to avoid errors and hazards Details the care and use of laboratory equipment and preparation of reagents Highlights the clinical significance of laboratory findings Provides diagrams for easy comprehension Introduces methods and procedures for producing reliable laboratory findings

Volume I: Introduction, Haematology and Coagulation, Immunohaematology (or Blood Banking) Volume II: Microbiology, Serology, Clinical Pathology Volume III: Clinical Biochemistry, Histology and Cytology, Miscellaneous Information This book serves as an invaluable reference for students as well as practicing professionals in medical diagnostic laboratories.

Surgical pathologists play a central role in patient surveillance and treatment by surgeons, radiation oncologists, and medical oncologists. Although salivary gland tumors are uncommon overall, their histopathologic diversity and challenge command the attention of practicing surgical pathologists. *Atlas of Salivary Gland Pathology* focuses on the diagnostic approach to salivary gland neoplasia—one of the more challenging fields within surgical pathology—emphasizing the need to understand downstream implications with respect to patient surveillance and treatment. The presence of formidable histologic mimicry in salivary gland neoplasia is well-documented in the pathology literature and has also been observed in the consultation practice of the volume editor. This textbook is designed with the needs of practicing surgical pathologists and pathologists-in-training in mind, providing a comprehensive overview of both common and rare salivary gland neoplasms. The primary educational objectives for readers include the following: 1) distinguish benign from low-grade malignant salivary gland neoplasms, 2) effectively use histochemical, immunohistochemical, and cytogenetic studies in challenging cases, 3) understand which diagnoses merit additional surgery and/or adjuvant therapy (radiation, chemotherapy), and 4) enhance pathologist-to-clinician communication in the setting of salivary gland disease.

This concise introduction to pathology covers basic pathological mechanisms and offers a detailed review of systems pathology, making it a complete, effective review for today's readers. Hundreds of high-quality images—many new to this edition—illustrate common entities, and associated captions provide key pathological points. Reader-friendly text clarifies basic and complex information, helping you understand challenging concepts more easily. *Wheater's Pathology* is an excellent companion resource for users of *Wheater's Functional Histology*, 6th Edition, offering a comparison of normal histology with the pathological

changes in disease. Contains a new chapter, Introduction to Pathology and Techniques, that provides more background information on histology techniques, immunohistochemistry, molecular tests and digital pathology. Contains new, full-color illustrations that depict additional pathological entities and update classifications. Includes access to online-only material such as new questions for each chapter, and numerous macroscopic images. Incorporates cutting-edge information on molecular pathology throughout. Includes quick-reference features such as keys to the lettering in images at the bottom of each page and fully revised clinical boxes with clinical-pathological correlations that explain the relevance of the pathological processes underlying common diseases and their complications. Summarizes key points with chapter reviews at the end of each section. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

Endocrine and Reproductive Physiology, a volume in the Mosby Physiology Monograph Series, explains the fundamentals of endocrine and reproductive physiology in a clear and concise manner. This medical textbook gives you a basic understanding of how endocrine and metabolic physiology affects other body systems in health and disease, including the clinical dimensions of reproductive endocrinology. Bridge the gap between normal function and disease with pathophysiology content throughout the book. Easily master the material in your systems-based curriculum with learning objectives, Clinical Concept boxes, chapter summaries, and self-study questions. Understand complex concepts by examining almost 200 clear, 2-color diagrams. Apply what you've learned to real-life clinical situations using featured clinical commentaries. Take your learning wherever you go - this title is also available as an eBook! Easily navigate the fully searchable text and figures at www.studentconsult.com. Including bonus content: a supplement on energy metabolism, Key Words and Concepts, Abbreviations and Symbols. Stay abreast of recent advances in endocrine physiology with expanded material on reproductive endocrinology and metabolism, and many updates at the molecular and cellular level. Learn the latest developments in fertilization, pregnancy, and lactation, as well as fetal development, puberty, and the decline of reproductive function with age. Physiologic principles of endocrine and reproductive systems

CD contains: 800 colour photographs, electron micrographs and diagrams. Essential Laboratory Skills for Biosciences is an essential companion during laboratory sessions. It is designed to be simple and give clear step by step instructions on essential techniques, supported by relevant diagrams. The book includes the use of particular equipment and how to do simple calculations that students come across regularly in laboratory practicals. Written by experienced lecturers this handy pocket book provides: Simple to follow laboratory techniques Clear use of diagrams and illustrations to explain techniques, procedures and equipment Step by step worked out examples of calculations including

concentrations, dilutions and molarity Suitable for all first year university students, the techniques in the book will also be useful for postgraduate and final year project students and enhance the practical and theoretical knowledge of all those studying bioscience related subjects.

This outline-format review of key concepts features high-yield full-color images and margin notes - PLUS more than 400 USMLE(TM)- style questions online! It's all the help you need to prepare efficiently and get the best score! - Visualize key pathologic concepts and conditions with over 1000 full-color images -- completely reviewed and updated for this new edition. - Take a timed or practice test, access rationales for why each answer is right or wrong. - Review all the information you need to know quickly and easily with a user-friendly, two-color outline format that includes High-Yield Margin Notes and Key Points. - Practice for the USMLE(TM) exam with the included access to online questions. - Profit from the guidance of Dr. Edward Goljan, a well-known author of medical review books, who reviewed and edited every question.

This text offers a comprehensive introduction to pathology first by covering fundamental pathological processes and then addressing the common diseases encountered in systems pathology. Hundreds of high-quality images illustrate the essential features of pathology and make it easy to make definitive comparisons to your own lab sample, while concise captions enable you to quickly and easily understand key points.

Wheater's Functional Histology E-BookA Text and Colour AtlasElsevier Health Sciences Berne and Levy Physiology has long been respected for its scientifically rigorous approach and now includes major updates to bring you all of the latest knowledge in the field. Bruce M. Koeppen and Bruce A. Stanton present a honed and shortened edition that emphasizes the core information needed by students of physiology today and features a full-color design and artwork to enhance readability and enrich your comprehension of every concept. With access to the full contents online at Student Consult, this time-honored book delivers an in-depth understanding of physiology more powerfully and effectively than ever before. Describes all of the mechanisms that control and regulate bodily function using a clear and intuitive organ system-based approach. Provides a rich understanding of the body's dynamic processes through key experimental observations and examples. Includes Student Consult access to the complete and searchable contents of the book online, as well as relevant bonus content from other Student Consult titles, an image gallery, 10 physiology animations, and much more. Features updated coverage throughout to expand your understanding of the most current trends in physiology and medicine, including the latest cellular and molecular knowledge. Includes shaded boxes that highlight and explain important clinical and molecular information. Presents new section editors who ensure that you are getting the freshest, most clinically relevant information available today. Summarizes need-to-know information in each chapter with Key Points sections.

Berne & Levy Physiology has long been respected for its scientifically rigorous approach - one that leads to an in-depth understanding of the body's dynamic processes. The South Asia Edition by Drs. Bruce M. Koeppen and Bruce A. Stanton, continues this tradition of excellence. With integrated coverage of biophysics and neurophysiology, key experimental observations and examples, and full-color design and artwork, this mid-size text is "just right" for a strong understanding of this complex field. An organ system-based approach clearly describes all of

the mechanisms that control and regulate bodily function. Key experimental observations and examples provide a rich understanding of the body's dynamic processes.

Bridging the gap between textbook diagrams and the complex reality of histological preparations, this magnificent atlas of human microanatomy is designed to help students understand the complex structures encountered when viewing microscopic sections of tissues. Instead of simply depicting an individual section, each drawing is a compilation of the key structures and features seen in many preparations from similar tissues or organs. Invaluable to students in a range of life science and medical disciplines including human and veterinary medicine, dentistry, mammalian biology, pharmacy, and nursing.

The first book dedicated to this common, serious, and complex equine disease, *Equine Laminitis* is the gold-standard reference to the latest information on every aspect of the disease and its treatment. Offering a comprehensive, evidence-based knowledge of the disease and therapies from over 30 experts from around the world, the book describes the current understanding of the pathophysiology of the three primary causes of laminitis, the biomechanical principles behind displacement of the distal phalanx, and thoroughly discusses the diagnosis and therapeutic management of the different types of laminitis cases. It presents an overview of options for foot management of different types of displacement, with discussions on making decisions on adjusting therapies in the long term case and both anticipating and managing complications if they occur. This state-of-the-art reference promotes a complete understanding of laminitis, and aids in developing effective prevention and treatment strategies. *Equine Laminitis* is an essential resource for the approach to a laminitis case and an invaluable tool for clinicians, including equine veterinarians, specialists, and farriers, and researchers. Key features Provides the first book devoted specifically to equine laminitis Discusses the current state of knowledge on all aspects of the disease, including its history, relevant anatomical considerations, pathophysiology, the diagnostic workup, and clinical treatment Presents 50 chapters written by leading international experts, under the editorship of the foremost authority on equine laminitis Offers a thorough understanding of this common affliction, grounded in the scientific literature Describes effective prevention and treatment plans

Comparative Anatomy and Histology: A Mouse and Human Atlas is aimed at the new mouse investigator as well as medical and veterinary pathologists who need to expand their knowledge base into comparative anatomy and histology. It guides the reader through normal mouse anatomy and histology using direct comparison to the human. The side by side comparison of mouse and human tissues highlight the unique biology of the mouse, which has great impact on the validation of mouse models of human disease. Print + Electronic product - E-book available on Elsevier's Expert Consult platform- through a scratch-off pin code inside the print book, customers will be able to access the full text online, perform quick searches, and download images at expertconsult.com Offers the first comprehensive source for comparing human and mouse anatomy and histology through over 600 full-color images, in one reference work Experts from both human and veterinary fields take readers through each organ system in a side-by-side comparative approach to anatomy and histology - human Netter anatomy images along with Netter-style mouse images Enables human and veterinary pathologists to examine tissue samples with greater accuracy and confidence Teaches biomedical researchers to examine the histologic changes in their mutant mice

Oral Pathology: A Comprehensive Atlas and Text provides all the assistance you need to accurately identify even the most challenging lesions. Board certified in both oral pathology and oral medicine, Dr. Sook-Bin Woo draws on her extensive clinical experience to help you achieve diagnostic certainty. Compare any specimen to more than 1,600 high-quality clinical photographs and photomicrographs that capture the characteristic presentation of all types of neoplastic, dysplastic, and benign mucosal disease. Understand the implications of your

diagnoses with brief descriptions of clinical management for each disease entity.

Explores twenty-one technician and technologist jobs in the field of medicine, including the nature of the work, education or training, getting started, advancement, salary, employment outlook, and more.

This best-selling atlas contains over 900 images and illustrations to help you learn and review the microstructure of human tissues. The book starts with a section on general cell structure and replication. Basic tissue types are covered in the following section, and the third section presents the microstructures of each of the major body systems. The highest-quality color light micrographs and electron micrograph images are accompanied by concise text and captions which explain the appearance, function, and clinical significance of each image. The accompanying website lets you view all the images from the atlas with a "virtual microscope", allowing you to view the image at a variety of pre-set magnifications. Utilizes "virtual microscope" function on the website, allowing you to see images first in low-powered and then in high powered magnification. Incorporates new information on histology of bone marrow, male reproductive system, respiratory system, pancreas, blood, cartilage, muscle types, staining methods, and more. Uses Color coding at the side of each page to make it easier to access information quickly and efficiently. Includes access to www.studentconsult.com, an interactive community center with a wealth of additional resources!

The biological sciences cover a broad array of literature types, from younger fields like molecular biology with its reliance on recent journal articles, genomic databases, and protocol manuals to classic fields such as taxonomy with its scattered literature found in monographs and journals from the past three centuries. Using the *Biological Literature: A Practical Guide, Fourth Edition* is an annotated guide to selected resources in the biological sciences, presenting a wide-ranging list of important sources. This completely revised edition contains numerous new resources and descriptions of all entries including textbooks. The guide emphasizes current materials in the English language and includes retrospective references for historical perspective and to provide access to the taxonomic literature. It covers both print and electronic resources including monographs, journals, databases, indexes and abstracting tools, websites, and associations—providing users with listings of authoritative informational resources of both classical and recently published works. With chapters devoted to each of the main fields in the basic biological sciences, this book offers a guide to the best and most up-to-date resources in biology. It is appropriate for anyone interested in searching the biological literature, from undergraduate students to faculty, researchers, and librarians. The guide includes a supplementary website dedicated to keeping URLs of electronic and web-based resources up to date, a popular feature continued from the third edition.

Preceded by: *Wheater's functional histology* / Barbara Young ... [et al.]. 5th ed. 2006.

The Fourth Edition of the compendium pools together the knowledge and experience of experts from all over the world, who are engaged in teaching and research in the field of biochemistry, medical sciences and allied disciplines. Comprising 20 sections, the present edition of the book has been substantially revised incorporating the latest research and achievements in the field. Beginning appropriately with chemical architecture of the living systems, role and significance of biochemical reactions, organization of specialised tissues, and importance of food and nutrition, the book explores beyond traditional boundaries of biochemistry. The knowledge of various organ systems has been expanded covering their normal function, ailments and dysfunction. A chapter on Eye and Vision explaining molecular basis of cataract and glaucoma have been added. Also, the book introduces stem cells and regenerative therapy and defines molecules associated with pleasure, happiness, stress and anxiety. A Section on Gastrointestinal and Biliary System elaborates on physiology and dysfunction including fatty liver and its implications, and hepatitis viruses. The knowledge of Human Genetics and Biochemical Basis of Inheritance has been appropriately expanded to reflect the latest advances in various domains. Besides DNA fingerprinting for identity establishment, the Section discusses epigenetics, micro-RNA and siRNA including their role in gene expression, chromatin modification and its association with human diseases, and genetic engineering. It also explores emerging areas such as metabolomics and proteomics; synthetic biology; and dual use technology in bioterrorism. Due emphasis has been given to the Section on Cell Replication and Cancer. Emergence of the use of probiotics in human health has also been highlighted. Besides, an entire Section has been devoted to male and female reproductive systems, fertilization, implantation, pregnancy, lactation, and assisted reproductive technology. Immunology, including vaccines and immunization, has been given due attention with latest updates in this fast growing area. Modern medicine, despite its stupendous advances cannot provide cure for all ailments. Thus, the new edition provides knowledge of alternative medicine systems—Ayurveda, Homeopathy, Unani, Yoga and Herbal Medicine. Incorporating vast information on the latest and emerging areas, the book will be of immense value to the students of medical sciences not only in their preclinical years, but also in all phases of medical course including postgraduate education and practice. Besides, it will also serve as a valuable source to the students of biochemistry and human bi

Take a simple approach to understanding the fundamentals with Wheater's Functional Histology. Offering concise text accompanied by hundreds of captions and images of histology slides, this best-selling textbook will equip you with all the must-know histology information you need to complete your courses and ace your exams. All (print) purchasers receive the complete, downloadable eBook (via Student Consult) - which now includes an all new bank of multiple choice questions to test your understanding and aid exam preparation. Recognize the microscopic structure of normal human tissues and how it relates to function with

the help of over 900 high-quality histology images and illustrations. Master how to apply histology in a clinical context through coverage of common clinical conditions in each chapter. Access the entire contents online at Student Consult, including all of the images, a virtual histolab, and USMLE-style self-assessment questions and rationales. Gain a rich understanding of histology through simple, concise text and captions that are thoroughly updated with the most recent research and new discoveries. All (print) purchasers receive the complete, downloadable eBook (via Student Consult) - which now includes an all new bank of multiple choice questions to test your understanding and aid exam preparation. Haematology Nursing is a comprehensive handbook, with a nursing focus, on the care and management of patients with haematological disorders. Divided into four sections, the first provides an introduction to haematology, looking at haemopoiesis, immunology and genetics. Section Two covers non-malignant haematology, including anaemia, haemoglobinopathies and haemochromatosis. Section Three explores the pathophysiology, care and management of myeloproliferative and lymphoproliferative disorders, including leukaemia, myeloma, and lymphoma. The final section provides information on various nursing care interventions, including blood transfusion, venous access devices, and palliative care. Aimed principally at nurses working in a variety of settings including haematology/oncology wards, medical/haematology wards, specialist bone marrow transplant centres, and community settings, Haematology Nursing is an essential and much-needed reference guide.

Manual of Assisted Reproductive Technologies and Clinical Embryology aims to discuss the relevance of science of reproductive biology in modern-day Assisted Reproductive Technologies and their practical applications. The readers can learn and master the large number of sophisticated techniques which form the backbone of the fascinating and growing field of human assisted reproduction. The subject is vast and has been covered over 83 chapters. All the chapters are dealt by the experts of concerned fields. Principles and protocols pertaining to laboratory maintenance, culture media, cryofreezing of gametes, embryos, and genital tissues have been dealt with at length. This book is an invaluable reference book for the clinicians, reproductive biologists and embryologists.

Board certified in both oral pathology and oral medicine, Dr. Sook-Bin Woo draws on her extensive clinical experience to help you achieve diagnostic certainty. Compare any specimen to more than 1,600 high-quality clinical photographs and photomicrographs that capture the characteristic presentation of all types of neoplastic, dysplastic, and benign mucosal disease. Understand the implications of your diagnoses with brief descriptions of clinical management for each disease entity.

Don't gamble on the most important exam of your career... ace the boards with The Johns Hopkins Internal Medicine Board Review! Brought to you from the birthplace of Internal Medicine and regarded as the most effective review tool in the specialty, it will ensure you're as equipped as possible on your way to certification or recertification.

From internists to primary care physicians, this no-nonsense book is a must-have companion for everyone in the field. Respected experts summarize just the imperative information you need to know for certification or recertification. Comprehensive review text, bolded key information, and helpful tables and algorithms equip you with all the core knowledge you need. Exam-taking tips and tricks allow you to go into the exam with confidence. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to test your skills and simulate the exam experience with over 1,000 additional exam questions in study and test modes. Features full-color clinical images covering all the image types you'll see on the boards, including x-rays, common skin findings, peripheral blood smears, ophthalmology findings, and CT and MR images.

Written and reviewed by students, residents, and experts, and led by bestselling review author Dr. Ted O'Connell, *Crush Step 1, 2nd Edition*, is the perfect review resource you need to score high on this high-stakes exam. This comprehensive, focused resource is the most effective review tool available for truly understanding the material on which you'll be tested. Up-to-date, easy-to-read, high-yield coverage of all the material tested on the exam. Numerous color images, helpful lists, and quick-reference tables help students retain and recall information quickly. Review questions for each chapter test student mastery of core knowledge and aid retention of high-yield facts. Test prep strategies help readers identify and understand question stems rather than memorizing buzz words. A new review board of current students and residents, as well as authors who scored within the 99th percentile on the USMLE Step 1, ensures relevance and accuracy.

This concise introduction to pathology covers basic pathological mechanisms and offers a detailed review of systems pathology, making it a complete, effective review for today's readers. Hundreds of high-quality images—many new to this edition—illustrate common entities, and associated captions provide key pathological points. Reader-friendly text clarifies basic and complex information, helping you understand challenging concepts more easily. *Wheater's Pathology* is an excellent companion resource for users of *Wheater's Functional Histology, 6th Edition*, offering a comparison of normal histology with the pathological changes in disease. Contains a new chapter, *Introduction to Pathology and Techniques*, that provides more background information on histology techniques, immunohistochemistry, molecular tests and digital pathology. Contains new, full-color illustrations that depict additional pathological entities and update classifications. Incorporates cutting-edge information on molecular pathology throughout. Includes quick-reference features such as keys to the lettering in images at the bottom of each page and fully revised clinical boxes with clinical-pathological correlations that explain the relevance of the pathological processes underlying common diseases and their complications. Summarizes key points with chapter reviews at the end of each section. Evolve Instructor site with a downloadable image bank is available to instructors through their Elsevier sales rep or via request at:

<https://evolve.elsevier.com>

This manual is a step by step guide to dissection for undergraduate medical students. Beginning with a brief description of human tissues, the book is divided into sections, each examining a region of the body and dissection techniques for different tissues within that region. Each section begins with an introduction to the tissues in that region

of the body, followed by step by step instructions for different dissection procedures. Learning objectives and key points are highlighted for each section to assist understanding. 350 full colour images and illustrations with descriptions are included. Key points Step by step guide to dissection for undergraduate medical students Covers procedures for tissues in each region of the body Features key points and learning objectives for each section Includes 350 full colour images and illustrations The definitive guide to women's reproductive health from conception to old age. Obstetrics and Gynaecology: an evidence-based guide is the ideal resource for anyone working in the field of women's health, including medical students, junior doctors, midwives, nurses and general practitioners. Expertly written and packed with the most relevant, up-to date evidence; this obstetrics and gynaecology textbook covers all aspects of women's health from conception to puberty and from pregnancy to old age. Obstetrics and Gynaecology: an evidence-based guide addresses common areas of everyday practice. It details how to take an obstetric or gynaecological history, manage abnormal uterine bleeding and provide antenatal care. In addition, it highlights less common but equally important issues in women's health, such as gynaecological malignancies and managing multiple pregnancies. Written by an editorial team comprising an obstetrician, gynaecologist and sonographer, the content in this obstetrics and gynaecology textbook is balanced and chronologically arranged from from birth to end of life. Provides guidance in applying evidence to medical care. Obstetrics and gynaecology OSCEs with a detailed answer guide. Multiple-choice questions aligned to chapters and practice OSCEs featuring scenario, suggested history, examination and management.

"Histology Class Notes", takes a comprehensive look at Histology and gives one the "Big Picture". Time for studying is at a premium and for that reason it is important to study effectively. Unless one can remember EVERYTHING in Histology, for the big exam, you want to use these notes. These notes are intended for the Medical, Graduate, Nursing or Undergraduate student.

Advances in Surgical Pathology: Gastric Cancer provides a concise, updated review of the pathological characteristics of gastric cancer, with an emphasis on exploring practical issues and recent developments. The book features current and emerging concepts in the field of gastric cancer, a disease whose management requires a multidisciplinary approach in which pathology plays a key role. Its six sections cover the essential histopathology of gastric cancer as well as related topics such as imaging evaluation, molecular diagnosis, and personalized treatment, among other areas of interest. Individual chapters written by international experts in the fields of pathology, gastrointestinal medical oncology, cancer epidemiology, and gastrointestinal radiology, address the fundamental issues surrounding gastric cancer, including its epidemiology, basic diagnostic features, differential diagnoses, pitfalls and complications, and treatments. Endoscopic evaluation and histology correlation are emphasized. The screening, clinical management, and treatment of gastric cancer are summarized in related book sections. Recent findings regarding the roles of immunohistochemistry and molecular testing in the diagnosis, prognosis, and personalized treatment of gastric cancer are also reviewed. The book also includes current knowledge regarding the molecular alteration of gastric cancer carcinogenesis and its impact on patient care. Helps you easily master the material in a systems-based curriculum with learning

definitive comparisons to your own lab views. Features concise text that distills basic and complex information into a coherent explanation to help you understand key points quickly and easily. Provides keys to the lettering in images at the bottom of each page, saving you time in reviewing figures. Serves as a companion text to Wheater's Functional Histology, 5th Edition, offering a comparison of normal histology with the pathological changes in disease. Features a short review section at the end of each chapter covering the key point of the chapter in brief form for the perfect pairing of reference and review. Includes online access to Student Consult where you'll find the complete text and illustrations from the book, fully searchable • and additional USMLE-style questions for self assessment Provides additional colored text boxes with clinical-pathological correlations that explain the relevance of the pathological processes underlying common diseases and their complications. FOR FACULTY Features online access to Evolve Resources including a high-resolution image bank with all the illustrations, figures and tables from the book, and a test bank. The development of microscopy revolutionized the world of cell and molecular biology as we once knew it and will continue to play an important role in future discoveries. Bioimaging: Current Concepts in Light and Electron Microscopy is the optimal text for any undergraduate or graduate bioimaging course, and will serve as an important reference tool for the research scientist. This unique text covers, in great depth, both light and electron microscopy, as well as other structure and imaging techniques like x-ray crystallography and atomic force microscopy. Written in a user-friendly style and covering a broad range of topics, Bioimaging describes the state-of-the-art technologies that have powered the field to the forefront of cellular and molecular biological research. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

[Copyright: 0addf0d04c813a20ff411ae56e88b2fa](https://www.pearsoned.com/copyright/0addf0d04c813a20ff411ae56e88b2fa)