Project Management For The Pharmaceutical Industry

Principles of Pharmaceutical Marketing, Third Edition offers the perspectives of both those who teach and those who practice pharmaceutical marketing. This reflects the need for and the effort to provide the most relevant “real world” approach to this complex and fascinating field. This text is designed for undergraduate students in pharmacy whose background in marketing is limited, those actually involved in pharmaceutical marketing, and anyone desiring an introduction to the intricacies involved in the marketing of pharmaceutical products.

Pharmaceutical giants have been doubling their investments in drug development, only to see new drug approvals to remain constant for the past decade. This book investigates and highlights a set of proactive strategies. The authors focus on three sources of pharmaceutical innovation: new management methods, new technologies, and new forms of internationalization. Their findings are illustrated in the case of the Swiss pharmaceutical industry, the leading exporter of pharmaceutical products in percentage of GDP, and some of its main pharmaceutical firms such as Novartis and Hoffmann-La Roche.

This Handbook was the first APM Body of Knowledge Approved title for the Association for Project Management. Over the course of five editions, Gower Handbook of Project Management has become the definitive desk reference for project management practitioners. The Handbook gives an introduction to, and overview of, the essential knowledge required for managing projects. The team of expert contributors, selected to introduce the reader to the knowledge and skills required to manage projects, includes many of the most experienced and highly regarded international writers and practitioners. The Fifth Edition has been substantially restructured. All but two of the authors are new, reflecting the fast-changing and emerging perspectives on projects and their management. The four sections in the book describe: ¢ Projects, their context, value and how they are connected to organizational strategy; ¢ Performance: describing how to manage the delivery of the project, covering scope, quality, cost, time, resources, risk and sustainability ¢ Process: from start up to close down ¢ Portfolio: the project and its relationship to the organization The discrete nature of each chapter makes this Handbook a wonderful source of advice and background theory that is easy to consult. Gower Handbook of Project Management is an encyclopaedia for the discipline and profession of project management; a bible for project clients, contractors and students.

The twentieth century has been a great success for modern medicine, and has resulted in the generation of a plethora of drugs to treat most common illnesses. However, in the light of increasing regulatory demands, spiralling costs and diminishing commercial returns, the question of how, when, where and whether to conduct pharmaceutical R&D has profound implications, and not just for those within the pharmaceutical industry. In response to these and other dilemmas, the authors define the processes involved in drug research, and examine the advantages and disadvantages of collaborative methods of drug research, and examine the roles that academia, CROs, small "biotechnology" companies and "research boutiques," and possibly even the "virtual

research company" might play as contractors and collaborators.

Issues in Engineering Research and Application: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Engineering Research and Application. The editors have built Issues in Engineering Research and Application: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Engineering Research and Application in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Engineering Research and Application: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

Reflecting the fascinating and dramatic changes in pharmacy, pharmaceutical education, and the pharmaceutical industry in recent years, this authoritative volume focuses on the practice of marketing both prescription and nonprescription medications. In a dozen comprehensive chapters, author Mickey Smith highlights the economic social, and

This book continues the legacy of a well-established reference within the pharmaceutical industry – providing perspective, covering recent developments in technologies that have enabled the expanded use of biomarkers, and discussing biomarker characterization and validation and applications throughout drug discovery and development. • Explains where proper use of biomarkers can substantively impact drug development timelines and costs, enable selection of better compounds and reduce late stage attrition, and facilitate personalized medicine • Helps readers get a better understanding of biomarkers and how to use them, for example which are accepted by regulators and which still non-validated and exploratory • Updates developments in genomic sequencing, and application of large data sets into pre-clinical and clinical testing; and adds new material on data mining, economics, and decision making, personal genetic tools, and wearable monitoring • Includes case studies of biomarkers that have helped and hindered decision making • Reviews of the first edition: "If you are interested in biomarkers, and it is difficult to imagine anyone reading this who wouldn't be, then this book is for you." (ISSX) and "…provides a good introduction for those new to the area, and yet it can also serve as a detailed reference manual for those practically involved in biomarker implementation." (ChemMedChem)

Project Management for the Pharmaceutical IndustryRoutledge

Pharmaceutical and Biomedical Portfolio Management in a Changing Global Environment explores some of the critical forces at work today in the complex endeavour of pharmaceutical and medical product development. Written by experienced professionals, and including real-world approaches and best practice examples, this new title addresses three key areas – small molecules, large molecules, and medical devices - and provides hard-to-find, consolidated information relevant to and needed by pharmaceutical, biotech, and medical device company managers.

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Successful projects are the basis for the business many successful organisations, but many professionals lack the basic skills required to manage projects successfully. This book shows

how to maximise the outcomes of projects and to ensure that the benefits arising from projects -- large or small -- are fully realized by the business. This key outcome can be easily overlooked or sidelined by the need to keep projects on track. Visually lead, to the point, with case studies and best practice guidelines throughout, the hard-won real world experience found in this book makes it a powerful PM resource for anyone involved in project management. Links project management to business goals for career project managers and those involved with project intermittently Focuses on the needs of engineering, industrial and process projects

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Your must-have tool for perfect project management Want to take your career to the next level and be a master of planning, organising, motivating and controlling resources to meet your goals? This easy-to-use guide has you covered! Project Management Checklists For Dummies takes the intimidation out of project management, and shows you step by step how to use rigorous self-check questions to save significant time—and headaches—in managing your projects effectively. Project Management Checklists For Dummies gives you to-do lists, hands-on checklists and helpful guidance for managing every phase of a project from start to finish. Before you know it, you'll be a star project manager as you organise, estimate and schedule projects in today's time-crunched, cost-conscious global business environment. Includes useful to-do lists and checklists to ensure all the necessary steps are completed Offers simple exercises to help clarify needs and requirements along the way Provides templates to complete, which can also be downloaded from Dummies.com and customised to suit your unique requirements Supplies hints and tips to help you along the way If you're a project manager—or any professional charged with managing a project and wondering where to start—Project Management Checklists For Dummies is your ready-made tool for success.

This book describes the way that pharmaceutical projects and programs are currently managed, and offers views from many highly experienced practitioners from within the industry on future directions for drug program management. The book integrates portfolio, program, and project management processes as fundamental for effective and efficient drug product development. Contributing expert authors provide their view of how the projectization approach can be taken forward by the drug industry over the coming years.

Pharmaceutical giants have been doubling their investments in drug development, only to see new drug approvals to remain constant for the past decade. This book investigates and highlights a set of proactive strategies, aimed at generating sustainable competitive advantage for its protagonists based on value-generating business practices. We focus on three sources of pharmaceutical innovation: new management methods in the drug development pipeline, new technologies as enablers for cutting-edge R&D, and new forms of internationalisation, such as outside-in innovation in the early phases of R&D.

This open access book presents a unique collection of practical examples from the field of pharma business management and research. It covers a wide range of topics such as: 'Brexit and its Impact on pharmaceutical Law - Implications for Global Pharma Companies', 'Implementation of Measures and Sustainable Actions to Improve Employee's Engagement', 'Global Medical Clinical and Regulatory Affairs (GMCRA)', and 'A Quality Management System for R & D Project and Portfolio Management in a Pharmaceutical Company'. The chapters are summaries of masters theses by "high potential" Pharma MBA students from the Goethe Business School, Frankfurt/Main, Germany, with 8-10 years of work experience and are based

on scientific know-how and real-world experience. The authors applied their interdisciplinary knowledge gained in 22 months of studies in the MBA program to selected practical themes drawn from their daily business.

Because of rapid developments in the biotechnology industry—and the wide range of disciplines that contribute to its collective growth—there is a heightened need to more carefully plan and fully integrate biotech development projects. Despite the wealth of operations experience and associated literature available, no single book has yet offered a comprehensive, practical guide to fundamentals. Filling the void, Biotechnology Operations: Principles and Practices reflects this integrative philosophy, serving as a practical guide for students, professionals, or anyone else with interests in the biotech industry. Although many books emphasize specific technical aspects of biotech, this is perhaps the first to integrate essential concepts of product development and scientific and management skills with the seven functional areas of biotechnology: Biomanufacturing Clinical trials Nonclinical studies Project management Quality assurance Quality control Regulatory affairs A practical roadmap to optimizing biotechnology operations, this reference illustrates how to use specific product planning, design, and project management processes to seamlessly merge plans and efforts in the key functional areas. Applying lessons learned throughout the nascent history of biotech, author Michael Roy highlights developmental principles that could bring future products to market more safely and efficiently. Drawing from his experiences working in industry and teaching a graduate course at the University of Wisconsin, this hotly anticipated book clarifies basic methodologies and practices to help reduce risks and resolve problems as future technological discoveries are developed into tangible products.

This book bridges the gap between practitioners of supply-chain management and pharmaceutical industry experts. It aims to help both these groups understand the different worlds they live in and how to jointly contribute to meaningful improvements in supply-chains within the globally important pharmaceutical sector. Scientific and technical staff must work closely with supply-chain practitioners and other relevant parties to help secure responsive, cost effective and risk mitigated supply chains to compete on a world stage. This should not wait until a drug has been registered, but should start as early as possible in the development process and before registration or clinical trials. The author suggests that CMC (chemistry manufacturing controls) drug development must reset the line of sight – from supply of drug to the clinic and gaining a registration, to the building of a patient value stream. Capable processes and suppliers, streamlined logistics, flexible plant and equipment, shorter cycle times, effective flow of information and reduced waste. All these factors can and should be addressed at the CMC development stage.

Knowing how to deal with the regulatory issues, understanding the impacts of cleanliness, and recognizing the affect that poor facility layout will have on GMP spaces are only some of the issues an experienced Project Manager must focus on. Completely revised and updated, Sterile Product Facility Design and Project Management, Second Edition provides comprehensive guidance on how to develop and execute biotech and other sterile drug facilities based on current industry best practices. Each chapter highlights a specific issue centered on managing biotech facilities projects in a GMP environment. The author uses real-world examples of common industry practice to lead you through the idiosyncrasies of a biotech project in an effort to answer some of the more common, and often perplexing, questions that can stand in the way of success. You get a mini seminar on each topic covered. Breaking the project life-cycle into four phases, the text takes you through each phase from the Project Manager's viewpoint. Unlike other books that cover design, technology, and validation in general terms, this book addresses the industry specific issues that make biotech facilities so costly and difficult to deliver. It puts the pieces of the puzzle together in a manner that increases your opportunity for success.

The revised edition of the single-best source of project management case studies Project Management Case Studies, Second Edition presents the most comprehensive collection of project management case studies available today. Compiled by Harold Kerzner, the leading authority on project management, it offers more than ninety case studies that illustrate both successful implementation of project management by actual companies and pitfalls to avoid in a variety of real-world situations. Now with twenty-five new case studies, this new edition: Represents a wide range of industries, including medical and pharmaceutical, aerospace, manufacturing, automotive, finance and banking, and telecommunications Covers cutting-edge areas of construction and international project management Presents best practices and pitfalls of project management implementation in the real world Follows and supports preparation for the Project Management Professional (PMP®) Certification Exam Whether used with the latest edition of Harold Kerzner's landmark reference, Project Management: A Systems Approach to Planning, Scheduling, and Controlling, or on its own, Project Management Case Studies, Second Edition is a valuable resource for students, as well as practicing engineers and managers. Other powerful tools by Harold Kerzner: Project Management: A Systems Approach to Planning, Scheduling, and Controlling, Ninth Edition (0-471-74187-6) Project Management Workbook and PMP®/CAPM® Exam Study Guide, Ninth Edition (0-471-76076-5) (CAPM, PMP, and Project Management Professional are registered marks of the Project Management Institute, Inc.)

Dr. Catalano for the last ten years has been consulting for the pharmaceutical industry. During his consulting he discovered that small businesses such as, generic, startups, and virtual companies do not have the budget or the resources to apply the computer software utilized in project management and therefore do not apply project management principles in their business model. This reduces their effectiveness and increases their operating cost. Application of Project Management Principles to the Management of Pharmaceutical R&D Projects is presented as a paper-based system for completing all the critical activities needed apply the project management system. This will allow these small business to take advantage of the project management principles and gain all the advantages of the system. This book will be beneficial for beginners to understand the concepts of project management and for small pharmaceutical companies to apply the principles of project management to their business model.

A detailed examination of China’s increasingly important chemical and pharmaceutical industry. Numerous case studies describe how western companies, such as BASF, Bayer, Bicoll, Ciba, Degussa, DSM and Novartis are managing their market entry in China.

As a growing number of healthcare organizations implement project management principles to improve cost and service efficiencies, they are in desperate need of resources that illustrate the project management needs of today's healthcare professional. Project Management for Healthcare fills this need. Using easy-to-follow language, it expl

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The purpose of this book is to convince administrators and providers of health care that scientific research has produced numerous tools, techniques, and approaches for managing health services that are most effective and most efficient. Convincing the managers and administrators of this fact is accomplished by presenting numerous easy-to-understand summaries of the research reported in the scientific research journals available at University and

main city libraries.

The Pharmaceutical Industry has been undergoing a major transformation since the heady days of 'big pharma' in the 1970s and 80s. Patent expiry, the rise of generics, and the decline of the blockbuster drug have all changed the landscape over the last 10-15 years. It's an environment where products can take 10 years or more to come to market, billions are spent on research and development, jobs are being shed in the western pharma homelands and regulators and the public are more demanding than ever. So what part is Knowledge Management playing and going to play in this vital international industry? Knowledge Management (KM) has many facets from providing comprehensive knowledge bases for workers, through the sharing of advice and problem solving, to providing an environment for innovation and change. This book, focusing on research and development, and manufacturing-based companies, explores how a range of techniques and approaches have been applied in the unique environment of the Pharmaceutical Industry, and examine how it can help the industry in the 21st century. Whilst the book is centered on the Pharmaceutical Industry, its objective will be to discuss and demonstrate how Knowledge Management can be applied in a variety of environments, and with a range of cultural issues. KM practitioners, and potential practitioners, both within and outside the Pharmaceutical Industry, will be able to gain valuable guidance and advice from both the examples of good practice and the lessons learned by the authors and contributors.

This is the first book in the series of three. These three books will be based upon the idea to tailor PMI’s Project Management methodologies to the typical pharmaceutical projects. This book includes generic drug development project in detail. It is specially designed for Project Managers, team members and pharmacy students. Format of book is purposely kept simple. This book includes various useful flow charts and templates that can be used during the project life cycle. Information provided in this book is obtained from highly authentic sources, and links of data sources is provided for reference. Surely this is the kind of book every pharmaceutical personnel will want to be on their shelf.

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With its coverage of Food and Drug Administration regulations, international regulations, good manufacturing practices, and process analytical technology, this handbook offers complete coverage of the regulations and quality control issues that govern pharmaceutical manufacturing. In addition, the book discusses quality assurance and validation, drug stability, and contamination control, all key aspects of pharmaceutical manufacturing that are heavily influenced by regulatory guidelines. The team of expert authors offer you advice based on their own firsthand experience in all phases of pharmaceutical manufacturing.

The pharmaceutical industry has encountered major shifts in recent years, both within the industry, and in its external environment. The cost of healthcare rising due to an ageing population, the intensification of regulatory requirements and

mergers within the industry have led to an increased need for restructuring, cost reduction and culture change projects. Project management is the key to addressing these needs, and also to effective drug development. Given the costs of development and the critical issue of 'time to market', project management techniques - appropriately used - are a key factor in bringing a drug to market. In this book, Laura Brown and Tony Grundy's pharmaceutical expertise and experience offers the reader a guide to the most relevant project management tools and techniques and how to rigorously apply them in the pharmaceutical industry. The authors cover the technical, strategic and human aspects of project management, including contingency planning, simulation techniques and different project options. Complete with decision-tree diagrams, checklists, exercises and a full glossary, Project Management for the Pharmaceutical Industry provides clinical research, drug development and quality assurance managers or directors with a one-stop reference for successfully managing pharmaceutical projects. The text has been revised for this edition and now includes some additional material on risk management.

Driven by such tools as big data, cognitive computing, new business models, and the internet of things, the overall demand for innovation is becoming more critical for competitiveness and emerging technologies. These technologies have become real alternatives for the market and offer new perspectives for modern project management applications. The Handbook of Research on Emerging Technologies for Effective Project Management is an essential research publication that proposes innovations for firms and markets through the exploration of project management principles and methods and the effective integration of knowledge and innovation. It encompasses academic and scientific propositions, reviews for conceptual bases, applications of theories in new market solutions, and cases of successful insertion of disruptive technologies and business models in new competitive market offers. Featuring a range of topics such as innovation management, business administration, and marketing, this book is ideal for project managers, IT specialists, software developers, executives, practitioners, managers, marketers, researchers, and industry professionals.