

# Probiotics And Oral Health Jaypeejournals

The Gastrointestinal System at a Glance  
Advances in Ecopolitics  
Advances in Developmental Biology  
Host Modulation in Periodontology  
The Finest Hour  
Advances in Transportation Studies  
Advances in Management Accounting  
Medical Biochemistry: Preparatory Manual for Undergraduates  
Contemporary Laser Dentistry

## The Gastrointestinal System at a Glance

Advances in Ecopolitics includes a range of publications which each discuss a significant element in the environmental theory which now represent an important aspect of sustainable living. This series has now got a new title: Advances in Sustainability and Environmental Justice. Editorial Objectives This series provides a series of insights into real alternatives to the current economic malaise, with an examination of key themes such as transition towns, sustainable utopias, co-operative farming, sustainability and activism, ecofeminism, green protectionism, intentional communities, environmental justice, environmental movements, green philosophies, politics and green economics. Topicality The series provides a series of environmental alternatives which require our fullest consideration in light of the ongoing economic downturn which has accompanied the latest incarnation of unsustainable practices. It provides a forum for debate about a positive set of sustainable alternatives which set out an

understanding that 'another world is possible'. Key Benefits This book series is essential reading for all academics, researchers and practitioners who are involved in the areas of environmentalism, and it: Acts as a forum for debate and enables the publication of papers which establish understanding of environmentalism and sustainability Provides a unique opportunity for the exchange of peer reviewed knowledge on the widest extent of environmental and ecological issues Allows for the establishment of working networks of environmental academics from across the globe Key Audiences This series particularly encourages academics, researchers and practitioners from Europe, North America, and from developing nations to share their experience, knowledge and practices with an international audience. Contributors from across the globe that focus on issues and research which will affect and inform ecopolitical studies are welcome to submit work for consideration in the series. Coverage The series encourages well-written articles with the focus on interdisciplinary, international and comparative standpoints on contemporary management issues. Coverage includes, but is not restricted to: Ecological politics Sustainable development Environmental philosophy Green party politics Environmental economics Environmental movements Ecofeminism Sustainable living practices

## **Advances in Ecopolitics**

## **Advances in Developmental Biology**

## **Host Modulation in Periodontology**

The latest system based addition to the At a Glance series, The Gastrointestinal System at a Glance is a concise and integrated text on the gastrointestinal system. The book is intended as an authoritative and concise account of the field covering anatomy, physiology, biochemistry, pharmacology, and pathology as well as clinical management. The book is divided in to four sections: Basic Structure and Function, Integrated Function and Disorders and Diseases as well as a short section on Diagnosis and Treatment. The structure of the book takes the student from the basic sciences to clinical practice whilst always maintaining an integrated balance and understanding of both aspects. Fantastic diagrams that include a quick summary of clinical presentations will aid students to learn and revise. The Gastrointestinal System at a Glance is ideal as an introduction to the subject, as a companion book for a course, and as a book for revision prior to examinations.

## **The Finest Hour**

This volume of Advances in Management Accounting explores a variety of current issues through rigorous academic research. Topics include the link between CEO compensation and the 2008 financial crisis, the association between performance-based pay and employee honesty, and more.

## **Advances in Transportation Studies**

Contemporary Laser Dentistry is a complete and through presentation of lasers in the field of dentistry. It will cater to the needs of all individuals, from students to educators, clinicians to researchers and from specialists to generalists who want to understand and adapt lasers in their daily dental practice. This textbook is a comprehensive guide about each and every aspect of lasers across the ever emerging field of dentistry. It describes different types of lasers, their principles of working of lasers, current and potential applications of lasers in dentistry, recent advances in lasers, hazards of lasers, laser safety and precautions, advantages and disadvantages of lasers. It will help you learn the fundamentals, make the proper use of lasers with the best knowledge about lasers which will help you in achieving the best clinical results from each procedure, and fulfill your patient's expectations. Salient Features § Emphasizes on understanding the fundamental phenomena in terms of principles of laser application, thereby correlating basic sciences with different dental procedures. § Illustrated diagrams: depicting fundamental components of a laser, details of several conditions and treatments. § New coverage: including recent advances in types of lasers and their applications in dentistry. § Important updates: including indications and contraindications of lasers, hazards of lasers, laser safety considerations and precautions.

## **Advances in Management Accounting**

A long time, periodontitis was believed to be an inevitable consequence of aging and uniformly distributed in population. This age old belief was again supported by another belief that disease severity was directly proportional to plaque levels. But in the mid 1990's early insight about complex diseases like periodontitis, led to new conceptual models of pathogenesis. In recent years, the role of microorganisms as the principle etiologic factor in periodontal diseases has gained new perspectives. Periodontal disease is a multifactorial and complex disease which is characterized by an upregulated or maladapted immune inflammatory response to bacterial plaque which predisposes to periodontal breakdown. Although periodontal disease is initiated by bacteria colonizing the tooth surface and gingival sulcus, the host response is believed to play an important role in the breakdown of connective tissue and bone. Thus, it can be summarized that periodontopathogens are necessary to cause periodontal disease but they are not sufficient to cause the disease. In response to infectious or inflammatory disease, two distinct yet intricately linked immune responses occur - innate & adaptive. The immune system is essential and the body has to marshal the innate and adaptive responses in order to stave off infection. However, in inflammatory disease the response becomes chronic and tissues do not return to homeostasis. The development of an immune inflammatory response during periodontitis in susceptible individuals results in the local production of a variety of inflammatory mediators. The development of an immune inflammatory

response during periodontitis in susceptible individuals results in the local production of a variety of inflammatory mediators. Pro-inflammatory cytokines molecules and the cytokine network play an essential role in the pathogenesis of periodontal diseases. Therefore, the aim of this review is to provide comprehensive information and an update on various therapeutic methods to modify the host response as an adjunctive treatment for periodontitis.

## **Medical Biochemistry: Preparatory Manual for Undergraduates**

Volume 4 of Advances in Developmental Biology and Biochemistry consists of five chapters that review specific aspects of fly and mammalian development. In Chapter 1, Y. Mishina and R. Behringer discuss various aspects of Müllerian-inhibiting substance (MIS) in mammals, from a brief history of its discovery to recent studies of the MIS gene in transgenic and knock-out animals. In Chapter 2, C. Rushlow and S. Roth discuss the role of the dpp-group genes in dorsoventral patterning of the *Drosophila* embryo. In Chapter 3, M. Yip and H. Lipshitz discuss the terminal (asegmental termini) gene hierarchy of *Drosophila* and the genetic control of tissue specification and morphogenesis. In Chapter 4, R. Bachvarova discusses induction of mesoderm and the origin of anterior-posterior polarity in the mouse embryo, using the frog embryo as a paradigm. In Chapter 5, P. Vogt discusses human Y chromosome function in male germ cell development.

## **Contemporary Laser Dentistry**

The broad goal of teaching biochemistry to undergraduate students is to make them understand the scientific basis of the life processes at the molecular level and to orient them towards the application of the knowledge acquired in solving clinical problems. It covers entire syllabus of biochemistry as per guidelines of Medical Council of India with more emphasis on clinical application of the subject. It attempts at exposing the students to the ideal answers to questions often asked in examination. The questions not only test the knowledge but also incorporate the clinical/applied aspects of biochemistry which are so important to help the students to think out of the box. Salient Features Provides the essential knowledge of biochemistry in question-answer format Focus specifically on the concepts frequently tested in exams Supports text with adequate number of line diagrams, flowcharts and tables to facilitate greater retention of knowledge Emphasises on systematic presentation of content, maintaining a sequential flow of information help in recollecting text easily Additional Feature Complimentary access to full e-book with Clinical Cases, and chapter wise Multiple Choice Questions and Viva Voce Questions

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