Molecular Transfer Across Parasite Membranes Symposia Of The British Society For Parasitology Vol 25

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Chemical Signalling in Living Systems: The literature of chemical signalling

Cellular and Molecular Immunology takes a comprehensive yet straightforward approach to the latest developments in this active and fast-changing field. Drs. Abul K. Abbas, Andrew H. Lichtman, and Shiv Pillai present sweeping updates in this new edition to cover antigen receptors and signal transduction in immune cells, mucosal and skin immunity, cytokines, leukocyte-endothelial interaction, and more. This reference is the up-to-date and readable textbook you need to master the complex subject of immunology. Recognize the clinical relevance of the immunology through discussions of the implications of immunologic science for the management of human disease. Grasp the details of experimental observations that form the basis for the science of immunology at the molecular, cellular, and whole-organism levels and draw the appropriate conclusions. Stay abreast of the latest advances in immunology and molecular biology through extensive updates that cover cytokines, innate immunity, leukocyte-endothelial interactions, signaling, costimulation, and more. Visualize immunologic processes more effectively through a completely revised art program with redrawn figures, a brighter color

palette, and more 3-dimensional art. Find information more quickly and easily through a reorganized chapter structure and a more logical flow of material.

The Epidemiology of Plant Diseases

Index to Theses with Abstracts Accepted for Higher Degrees by the Universities of Great Britain and Ireland and the Council for National Academic Awards

Functional Molecules on the Surface of Protozoan Parasites

Parasite Neurobiology

An introduction to the topic from experts in the field.

Bibliography of Agriculture with Subject Index

Molecular transfer across parasite membranes

Exploring Parasite Genomes

The Impact of Global Change on Disease

This is a thorough revision and update of the highly successful first edition, which which achieved sales in excess of 4,500. The text serves as a comprehensive introduction to parasitology for both undergraduate and beginning graduate students. In this edition, particular emphasis is placed on parasites of human and veterinary importance. The first three chapters in the text are concerned with how parasites 'work,' their biochemistry, molecular and cell biology and physiology. The

remaining chapters cover ecology and epidemiology, immunology and chemotherapy, with the final chapter covering integrated control. This new edition contains new material on cell and molecular biology, vectors and control, which is in contrast to the general biological approach of the first edition. The second edition will succeed the first as the major text on parasitology for students in biology, zoology, microbiology, medicine, veterinary medicine, tropical medicine and public health.

Advances in Cell and Molecular Biology of Membranes

This collection of articles, edited by D. Wakelin and D. Walliker include: Genetic variability in parasites and host-parasite interactions; Host genetics and infectious disease; T cell and cytokine basis of host variability in response to intestinal nematode infections; The role of MHC- and non-MHC-associated genes in determining the human immune response to malaria antigens; Influence of host and parasite genotypes on immunological control of Theileria parasites; Genetic susceptibility to leishmanial infections: studies in mice and man; Genetic susceptibility to malaria and other infectious diseases: from MHC to the whole genome. This volume is the specially commissioned supplement to the journal Parasitology, volume 112.

Molecular Strategies of Parasitic Invasion

Molecular Biology of the Cell

Microbiology, Including Immunology and Molecular Genetics

Proceedings of the National Academy of Sciences of the United States of America

Most branches of science have what might be termed a 'core area' which is both related to and helps to integrate peripheral topics to form the overall subject area. Without this central link, the subject is simply a collection of disparate, albeit gener ally related topics. What genetics is to plant breeding, epidemiology is to the subject of plant pathology and, no matter what individual topic is considered, it is always possible to recognize the interaction with and relationship to epidemiological factors. Broadly speaking, until the 1950s, plant pathology was considered as the applied side of mycology and, indeed, the British Society of Plant Pathology was spawned from its mentor, the British Mycological Society, with considerable help from

The Association of Applied Biology. However, with the exploding world popu lation and the growing demand for food, plant pathologists became increasingly aware of the need for a more considered, measured, precise and even holistic approach to their subject and, particularly, to plant disease management. Looking back over 40 years of teaching and research in plant pathology, it was very clear that the 'core' of the subject was epidemiology and that this 'new' study was developing a very distinct identity which was rapidly being recognized in its own right. The 'shotgun' approach to plant disease 'control' was quickly perceived to be too inexact and almost every aspect of the subject was being reviewed, refined and advanced.

Modern Parasitology

Parasite-Insect Interactions

Bockus Gastroenterology

Canadian Journal of Zoology

The Journal of Cell Biology

This volume of Parasitology examines specifically parasite-insect Interaction.

Membranes, Molecules, Toxins, and Cells

No. 2, pt. 2 of November issue each year from v. 19 (1963)-47 (1970) and v. 55 (1972)- contain the Abstracts of papers presented at the Annual Meeting of the American Society for Cell Biology, 3d (1963)-10th (1970) and 12th (1972)-

The Evolutionary Biology of Parasitism

European Journal of Cell Biology

This volume is the specially commissioned supplement to the journal Parasitology, volume 114.

Molecular Genetics of Mammalian Cells

This six volume Encyclopedia is the most comprehensive, detailed treatment of molecular biology and molecular medicine available today! The Encyclopedia provides a single-source library of molecular genetics and the molecular basis of life, with a focus on molecular medicine. Genetic screening, gene therapy, structural biology, and the technology and findings of the Human Genome Project are discussed in detail. The articles that comprise the set are designed as self-contained treatments. Each of the nearly 300 articles begins with an outline and a key word section which includes definitions. These features assist the scientist or student who is unfamiliar with a specific subject area. A glossary of basic terms completes each volume and defines the most commonly used terms in molecular biology. Together with the introductory illustrations found in each volume, these definitions enable readers to understand articles without referring to a dictionary, textbook, or other reference.

Human Parasitic Disease

Microbiology Abstracts

Vaccines and Vaccination Strategies

Encyclopedia of Molecular Biology and Molecular Medicine, Mass Spectrometry High Speed DNA Fragment Sizing to Plasma Lipoproteins

Veterinary Parasitology

Journal of Cell Science

Transporters and channels are membrane proteins that mediate the traffic of metabolites, water and ions across biological membranes. Membrane transport proteins are crucial to maintain homeostasis and assure cell survival upon intracellular or environmental stress. A failure of any of these transport systems may have dramatic consequences for cell function. There is increasing evidence that membrane transport proteins play important functions in healthy conditions and that their absence or dysfunction may cause diseases. In recent years much attention has been paid to diseases resulting from defective transporters (“carrier diseases”) and ion channels (“channelopathies”). Very interestingly, altered expression of transporters has been described in several human pathologies. On this basis, many transport proteins are well acknowledged targets for drugs. Many others are involved in drug delivery and disposition and/or are considered potential targets. Others are off-targets for drugs and then, are responsible for side effects. Thus, membrane protein drug discovery is now an emerging field where the search for physiological mechanisms of regulation and for chemical compounds as modulators of transport activity, present new opportunities for drug development and for new therapies. This Research Topic addresses the latest research advances in membrane transport proteins, stimulating future research on these important protein families.

Molecular Biology of the Cell

Bibliography of Agriculture

Genetics of Host and Parasite

This symposium volume considers some of the recent developments in veterinary parasitology. The book includes various papers that discuss such topics as the significance of epidemiology; the current position of vaccine application and development; the immunological responses of sheep to infection with Haemonchus contortus and cattle to infections with gastrointestinal nematodes; drug resistance in veterinary parasites; the possibility of controlling nematode infections by using predacious micro fungi; the impact of nutrition in pathogenesis of bovine trypanosomiasis; and the status of the cattle nematode Onchocerca ochengi as a model for studies on human onchocerciasis.

Cellular and Molecular Immunology E-Book

Summarises the current state of various parasite genome projects and the bioinformatics of parasite genome analysis.

Subversion of Immune Cell Signalling by Parasites: Volume 41, Symposia of the British Society for Parasitology

Molecular Basis of Drug Design and Resistance

Membrane Transporters and Channels as Targets for Drugs

Molecular Medical Microbiology

The Directory of Graduate Studies

Cambridge Scientific Biochemistry Abstracts

A curriculum framework for adult second language learners.

Loose-leaf Version for Molecular Cell Biology