Parasitology And Vector Biology, Second Edition

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Parasitology and Vector Biology, Second Edition, is a comprehensive introduction to human and animal parasitology. It provides basic information on the biologies of such agents as protists, worms, and arthropods, but it also emphasizes how control programs can be structured in a sociological, political, and economic milieu. Students and researchers alike will appreciate the added coverage of the molecular aspects of parasitology in this new edition. * Includes more than 400 photos and drawings* Contains sidebars that discuss various aspects of parasitic disease* Discusses the real-world control of parasitic diseases, within biological, social, and economic contexts* Offers an expanded discussion of vector biology* Includes an extensive glossary* Consistent, logical organization allows the student ready access to important material

**Book Information**

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**Customer Reviews**

"The book is very well written...There is a complete glossary and the index is well done. The line drawings are excellent. ...these authors have many decades of collective experience in the teaching of parasitology and research, and I think it shows in what they have attempted to do in writing this volume. They have done a very good job.”&#151;Gerald W. Esch, Wake Forset University, for AMERICAN SOCIETY OF PARASITOLOGISTS (2001)

Among the six diseases considered by the World Health Organization to have the greatest impact on human health, five are parasitic and all five are vector borne. Despite great advances in
knowledge of these diseases, control remains elusive. Large numbers of other parasitic agents threaten human and companion animal health as well. Parasitic agents are generally considered to be protists, worms, and arthropods. These organisms are of great importance to human and animal health. This book provides basic information on the biologies of these kinds of agents, but emphasizes how control programs can be structured in a sociological, political, and economic milieu. Unique to Parasitology and Vector Biology is an emphasis on the control of parasitic and vector borne diseases that impinge on human welfare. This text is not encyclopedic; key examples are taken from a variety of hosts including mankind, companion animals, food animals, and certain species of wildlife. This book places parasitology in a "real world context" in modern college courses, following the new emphasis in colleges today.

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