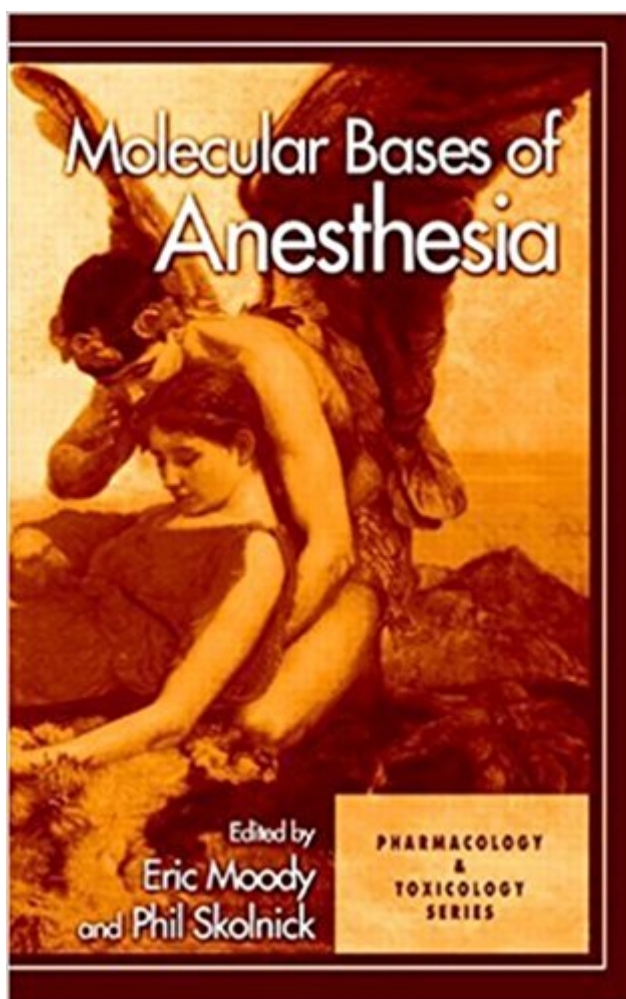


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Molecular Bases Of Anesthesia (Handbooks In Pharmacology And Toxicology)



Synopsis

Molecular Bases of Anesthesia provides a clear overview of the state of knowledge about anesthetic mechanisms at the molecular level of occurrence and focusing on the latest state-of-the-art techniques that relate to how anesthetic drugs cause unconsciousness. With contributions by leading experts, this timely book includes chapters on how to evaluate theories of anesthesia in general and includes discussion of some of the techniques, such as genetics, that can be used to address problems. Also discussed are anesthetic actions at major brain targets with a special emphasis on ion channels and areas of controversy in the field. This reference provides a broad survey of anesthetic actions, including hyperbaric pressure and anesthesia; volatile anesthetic interactions with proteins; and structure activity relationships of volatile anesthetics. Molecular Bases of Anesthesia stands alone as an in-depth, authoritative guide.

Book Information

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Customer Reviews

Moody and Skolnick have produced a timely and valuable summary of progress in this field... this book is heartily recommended to anyone with an interest in how volatile anesthetics work (this should include the majority of anesthesiologists). A particular strength of this monograph is that it is focused and short enough to be accessible to many nonresearchers. Yet it also delves deeply enough into its subject to make it a valuable reference to scientists who work on anesthetic mechanisms.... A few comprehensive reference books have attempted to summarize the field, but

there is a paucity of shorter, well-written summaries focused on different aspects of this broad question. Moody and Skolnick's *Molecular Bases of Anesthesia* begins to address this need by organizing current knowledge and suggesting future research directions. -*Anesthesia & Analgesia*, September 2001 This textbook is recommended to nurse anesthetists who wish to review and update their knowledge on a mysterious group of drugs that are administered daily. -*AANA Journal*, vol. 69, no. 6, December 2001

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