

The Biological Basis for Mind Body Interactions, Volume 122 (Progress in Brain Research)

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The current volume focuses on several key aspects of mind/brain/body interactions in health and disease, including specific examples of interactions between body and brain, mechanisms underlying the response of the system to stressors, the role of early life events in permanently biasing the responsiveness of the system and practical implications of mind body interactions in human disease.

The volume on Biological Basis for Mind Body Interactions is organized into 6 major sections, each dealing with a unique aspect of the general topic: After establishing the relationship between mind, brain and emotions, the first section deals with general neurobiological aspects mediating the effect of stress on various organ systems, including the immune and cardiovascular system. The second section covers the topic of how early life stressor can permanently alter responsiveness of the nervous system in animals and in man. The third section deals with influences of the internal environment, mediated by neuroendocrine and visceral afferent pathways on the CNS. The fourth section which deals with influences of body on the brain, focuses on mechanisms involved in perception and modulation of pain. The fifth section deals with influences of the mind/brain on the body, with an emphasis on central and peripheral mechanisms of autonomic control of body functions. The last section deals with a series of practical issues of mind body treatments, including acupuncture, breathing, body work and meditation. In addition, issues such as cost effectiveness and research aspects are discussed. Authors in this last section frequently refer to topics and mechanisms addressed in the early sections, making it a truly integrated volume.

The unique aspect of the volume is the integration of state of the art research information on biological and practical aspects of mind/brain/body interactions. It is based on the beliefs of the editors and participants that the traditional separation of mind and body in research and in treatment of human disease is obsolete and needs to be replaced with a new unifying paradigm. Ironically, this evolving paradigm shares many similarities with ancient pre-Cartesian paradigms

of health and disease.

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Editorial Review

Review
(K.V. Slavin, MD, University of Illinois at Chicago College of Medicine)
(...)Both researchers and clinicians will find information from this volume interesting and stimulating. Written by specialists from six countries, it may serve as a current, up-to-date reference source on the title subject.
An attractive feature of this volume is the wide spectrum of topics covered(...)The book is well illustrated; all chapters are well referenced; the index is large and complete.
With this new volume in the series Progress in Brain Research, the editors give an idea of the current state of research in the area of brain/mind and body interactions. Most neuroscientists, clinicians, and researchers will find plenty of new information, thorough reviews, and original data(...)
Doody's Electronic Journal

Users Review

From reader reviews:

Donald Hidalgo:

Have you spare time for any day? What do you do when you have a lot more or little spare time? Sure, you can choose the suitable activity with regard to spend your time. Any person spent their own spare time to take a wander, shopping, or went to typically the Mall. How about open or even read a book entitled The Biological Basis for Mind Body Interactions, Volume 122 (Progress in Brain Research)? Maybe it is being best activity for you. You already know beside you can spend your time with the favorite's book, you can cleverer than before. Do you agree with the opinion or you have different opinion?

Jane Kim:

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Samantha Williams:

Spent a free the perfect time to be fun activity to try and do! A lot of people spent their spare time with their family, or their own friends. Usually they undertaking activity like watching television, planning to beach, or picnic within the park. They actually doing ditto every week. Do you feel it? Do you wish to something

different to fill your own personal free time/ holiday? Can be reading a book may be option to fill your free of charge time/ holiday. The first thing you will ask may be what kinds of book that you should read. If you want to try look for book, may be the e-book untitled The Biological Basis for Mind Body Interactions, Volume 122 (Progress in Brain Research) can be excellent book to read. May be it can be best activity to you.

Earnest Moss:

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