

Book review: Mind and Brain, Bridging Neurology and Psychiatry

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The book *Mind and Brain, Bridging Neurology and Psychiatry*, discusses the link between the brain and the mind. Adopting an evidence-based neuropsychiatry approach while also touching on philosophical aspects, it examines the association between diseases of the brain and mental health, offering comprehensive insights into the emerging new discipline of psychoneuroendocrinology and its translation to clinical practice. The book particularly focuses on brain plasticity and on explaining the ability of the brain to learn new pathways in everyday situations and at the same time improve creativity. It consists of 11 chapters within 140 pages, written by 17 authors.

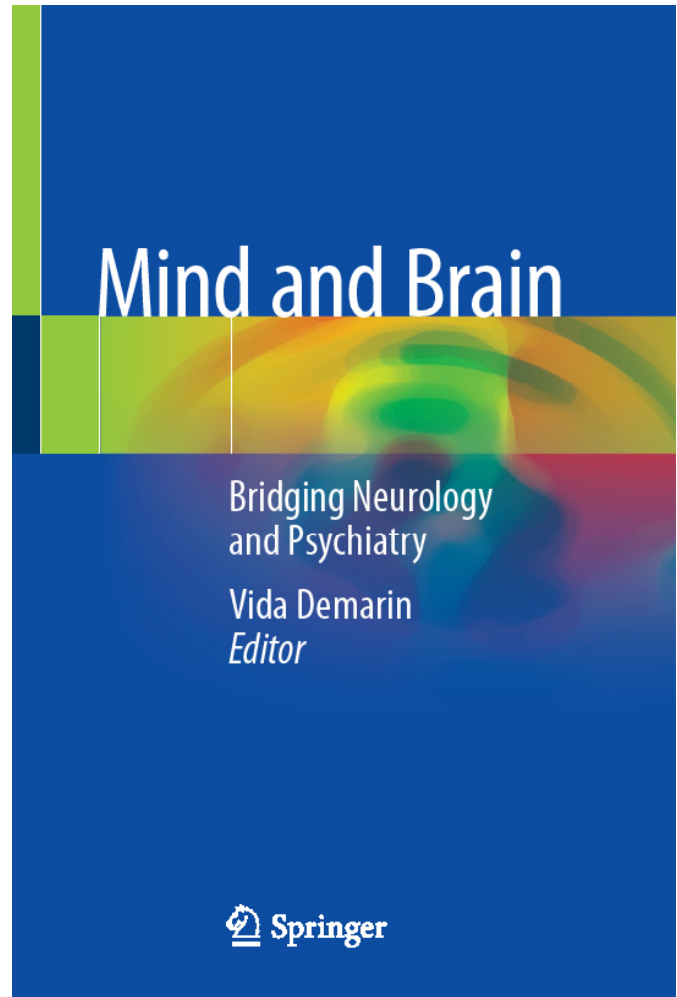
From the Book introduction:

The brain as an organ and mind as its product and even more than that were for centuries a secret that many scientists tried to reveal. But only recently, during and following Decade of the Brain, with the introduction of neuroimaging methods, especially functional magnetic resonance imaging (fMRI) it was possible to get more data on these important topics. This was a kind of a „golden era“ for neurology and psychiatry, disciplines that got tools for deeper searching and possibilities of getting answers to important questions, together with results from neuroscience and neurobiology. This development enabled getting a broader field of the investigation, the interaction of several disciplines, new perspectives and a more comprehensive view of mind and brain interaction.

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And today, with emerging a new discipline Psychoneuroendocrinology and its translation to clinical practice, our long-standing comprehensive approach to the interrelation and bridging of the mind and the brain could contribute to a better understanding of this challenging topic. As it is not possible to show in detail this huge area of interest, we have tried with the few examples in the following chapters to illustrate it from different perspectives.

The Book provides a wide variety of perspectives on the impact



of mind–brain interaction, explaining how brain physiology affects brain pathology by using specific examples of diseases. It discusses brain diseases and mental health within the frame of the concept of mind.

Written by clinicians and leading experts in the field of brain physiology and pathology, this book is a valuable resource for medical professionals and postgraduate students.