



Physiology and Pharmacology of the Blood-Brain Barrier

By -

Springer. Paperback. Book Condition: New. Paperback. 549 pages. Dimensions: 9.2in. x 6.1in. x 1.2in. The blood-brain barrier is still not completely understood and therefore the subject of fascinating study. How are endogenous substances transported through the blood-brain barrier? What are the known therapeutic and toxic agents? How are they transported across cerebral microvessels? The discussion of these and other questions with far-reaching consequences for all neuroscientists can be found in this volume. This authoritative and up-to-date review of the blood-brain barrier gives a proper understanding of the topic. The experimental principles, the results of very recent research, as well as the implications that experimental research has for clinical treatment are thoroughly covered. Information is given on: - new findings based on classical physiological and pharmacological techniques, - results obtained from brain capillaries in vitro and in culture, - results obtained from the new scanning techniques (PET and MRI), - the immunology of the blood-brain barrier, - trace metal transport, - the pathological breakdown of the barrier and - the modification of drugs to increase their entry into the brain. Here is a source of information that is invaluable to specialists concerned with basic research in the neurosciences, with the design of...



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Reviews

An incredibly great book with perfect and lucid answers. Better than never, though I am quite late in starting reading this one. You will not sense monotony at whenever you want of the time (that's what catalogues are for relating to if you question me).

-- **Nannie Lindgren Jr.**

Extensive guideline! It's this sort of very good that goes through. I have got read and I am confident that I will go on to read through once more in the future. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Joana Champlin**