



## The Other Brain: The Scientific and Medical Breakthroughs That Will Heal Our Brains and Revolutionize Our Health

By Ph. D. R. Douglas Fields Ph. D.

Simon & Schuster. Paperback. Book Condition: New. Paperback. 384 pages. Dimensions: 9.2in. x 6.1in. x 1.0in. Despite everything that has been written about the brain, a potentially critical part of this vital organ has been overlooked until now. The Other Brain examines the growing importance of glia, which make up approximately 85 percent of the cells in the brain, and the role they play in how the brain functions, malfunctions, and heals itself. Long neglected as little more than cerebral packing material, glia (meaning glue) are now known to regulate the flow of information between neurons and to repair the brain and spinal cord after injury and stroke. But scientists are also discovering that diseased and damaged glia play a significant role in psychiatric illnesses such as schizophrenia and depression, and in neurodegenerative diseases such as Parkinsons and Alzheimers. Diseased glia cause brain cancer and multiple sclerosis and are linked to infectious diseases such as HIV and prion disease (mad cow disease, for example) and to chronic pain. The more we learn about these cells that make up the other brain, the more important they seem to be. Written by a neuroscientist who is a leader in glial research, The Other Brain...

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