

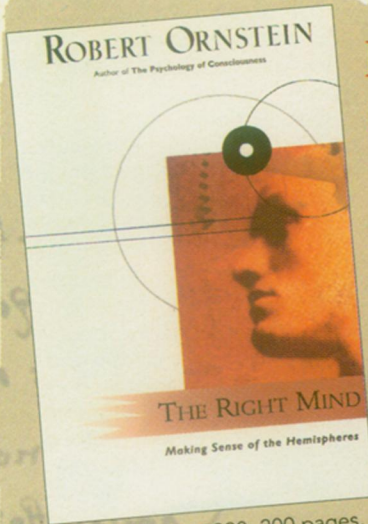
The Weekly Newsmagazine of Science

# SCIENCE NEWS

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## The Ultimate Sea Weed





Harcourt Brace, 1998, 200 pages,  
5 3/4" x 8 1/2", hardcover, \$22.00

## Incredible strides have been made in recent decades into the science of the brain.

And exciting research has been done in labs all over the world by innovative scientists. But the specialists cannot see the big picture, and the general reader certainly cannot make sense of it all. That's where Robert Ornstein comes in.

A psychologist and writer who began the conversation about the differing roles of the right and left hemispheres in his best-selling *The Psychology of Consciousness* 25 years ago, Ornstein has in his books and lectures provided a running commentary on the significance of what we are learning about the brain.

Now the time has come for a new synthesis: *The Right Mind*. It is short but rich in its detail, light-hearted but profound in its conclusions.

A central argument of *The Right Mind* is that while facts (what we might think of as text) are stored and processed in the left hemisphere, the right mind sets the context and makes sense of it all. And so it is with this book. Ornstein has incorporated the important facts and then set the whole thing in context. A brilliant and illuminating work of an important thinker at the top of his game.

—from Harcourt Brace

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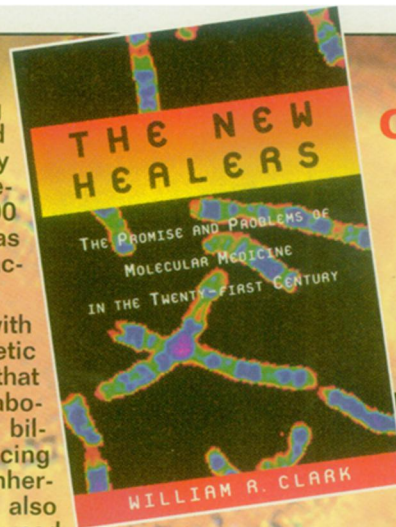
**H**uman beings have on the order of 100,000 different genes encoding the molecules needed to build and operate the human body; defects in any one of them can lead to disastrous consequences. There are an estimated 4,000 genetic disorders, which can be every bit as devastating as the diseases caused by bacteria or viruses.

Science and medicine have provided us with clues to the treatment of a very few genetic diseases. But, as William R. Clark shows, that is about to change. Clark takes us to the laboratories isolating human genes, making billions of copies of them, and reintroducing healthy genes into individuals who have inherited damaged or functionless genes. He also shows how this same technology, turned around on itself, can be used to deliberately introduce "bad" genes to attack and destroy unwanted cells, such as cancer cells or cells infected with the AIDS virus.

Clark outlines the powerful and compelling logic behind molecular medicine: Introducing the scientists working to map out the entire human genome, he helps us to begin thinking about how we will manage and use the information we gain.

*The New Healers* is a clear and compelling introduction to this important new frontier, outlining for readers all the basic elements of molecular biology and illustrating the fascinating stories of those individuals already immersed in this exciting future.

—from Oxford University Press



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