

Download The Future Of The Brain Essays By The Worlds Leading Neuroscientists

"A book called The Future of the Brain: Essays by the World's Leading Neuroscientists cannot have modest ambitions. The editors and authors of this collection of essays do not disappoint on that score, taking a broad, well-informed view of recent and potential advances in neuroscience and their implications for the field." "A book called The Future of the Brain: Essays by the World's Leading Neuroscientists cannot have modest ambitions. The editors and authors of this collection of essays do not disappoint on that score, taking a broad, well-informed view of recent and potential advances in neuroscience and their implications for the field." "The Future of the Brain: Essays by the World's Leading Neuroscientists. The challenge being undertaken by neuroscientists is enormous given that the human brain is composed of about 10 billion neurons, each connected to about 10,000 other neurons by synapses thereby creating approximately 100 trillion connections. Original essays by leading researchers such as Christof Koch, George Church, Olaf Sporns, and May-Britt and Edvard Moser describe the spectacular technological advances that will enable us to map the more than eighty-five billion neurons in the brain, as well as the challenges that lie ahead in understanding the anticipated deluge of data and the prospects for building working simulations of the human brain.