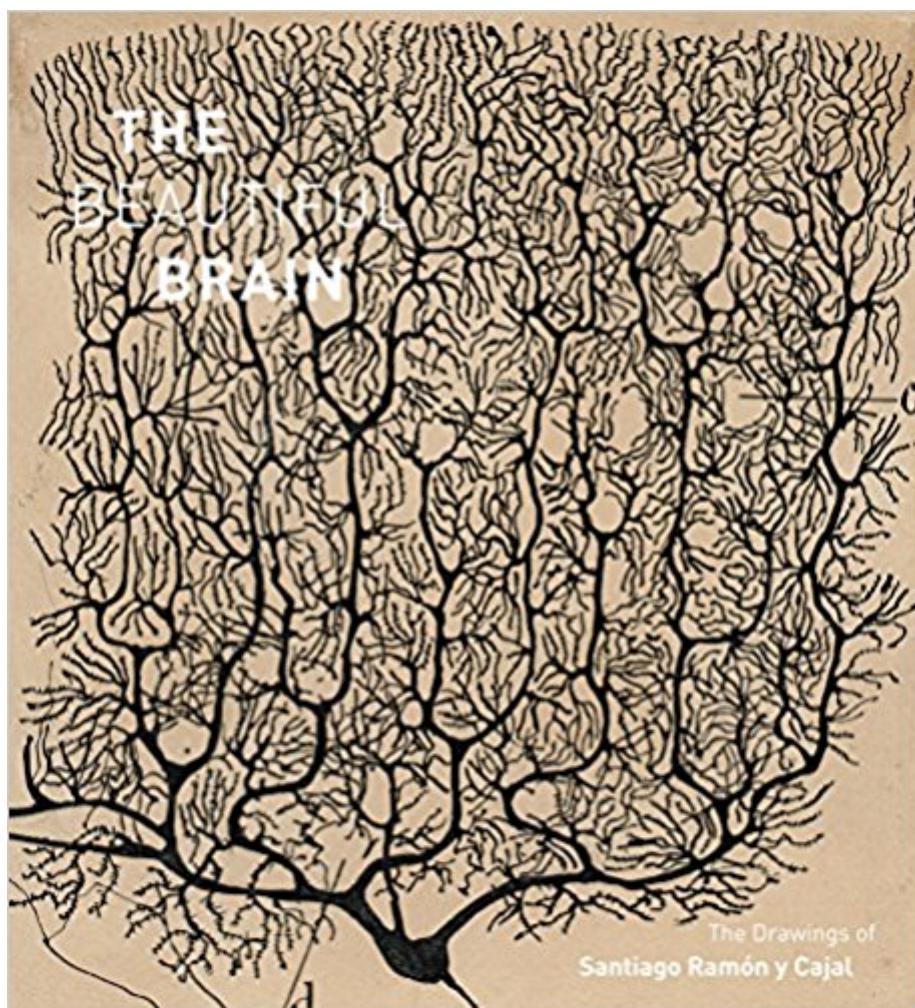


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Beautiful Brain: The Drawings Of Santiago Ramon Y Cajal



Synopsis

At the crossroads of art and science, Beautiful Brain presents Nobel Laureate Santiago Ramón y Cajal's contributions to neuroscience through his groundbreaking artistic brain imagery. Santiago Ramón y Cajal (1852–1934) was the father of modern neuroscience and an exceptional artist. He devoted his life to the anatomy of the brain, the body's most complex and mysterious organ. His superhuman feats of visualization, based on fanatically precise techniques and countless hours at the microscope, resulted in some of the most remarkable illustrations in the history of science. Beautiful Brain presents a selection of his exquisite drawings of brain cells, brain regions, and neural circuits with accessible descriptive commentary. These drawings are explored from multiple perspectives: Larry W. Swanson describes Cajal's contributions to neuroscience; Lyndel King and Eric Himmel explore his artistic roots and achievement; Eric A. Newman provides commentary on the drawings; and Janet M. Dubinsky describes contemporary neuroscience imaging techniques. This book is the companion to a traveling exhibition opening at the Weisman Art Museum in Minneapolis in February 2017, marking the first time that many of these works, which are housed at the Instituto Cajal in Madrid, have been seen outside of Spain. Beautiful Brain showcases Cajal's contributions to neuroscience, explores his artistic roots and achievement, and looks at his work in relation to contemporary neuroscience imaging, appealing to general readers and professionals alike.

Book Information

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Customer Reviews

Larry W. Swanson is the author of *Brain Architecture* (2012) and a past President of the Society for Neuroscience. He is a neuroscientist at the University of Southern California. Eric A. Newman, Alfonso Araque, and Janet Dubinsky are distinguished neuroscientists at the University of Minnesota. Lyndel King is the director and chief curator of the Frederick R. Weisman Art Museum, Minneapolis. Eric Himmel is editor in chief at Abrams Books, New York.

Like Cajal's drawings, this book provides a balance between beautiful images and information. The images, many of which have not been previously shown or reproduced, are truly the work of a master artist and scientist. The essays accompanying the book provide context for the scope of Cajal's work and allow the readers a glimpse into the personal life of Santiago Ramon y Cajal.

Fabulous book. The quality of the reproductions are beautiful, and the commentary by Newman and others is articulate, and insightfully. A great gift for artists and scientists.

Absolutely beautiful. Why is this man Cajal not on everyone's lips?! Makes you grateful we invented 'books'. Buy it.

review written by David A Bronczyk I've been an ardent admirer of Ramon y Cajal's work for many years, and I find myself saddened by his obscurity and underappreciated accomplishments. He single-handedly revolutionized our understanding of the central nervous system, working only with primitive equipment and his own staggering drawing skills a full century in advance of the development of fMRI scanners, scanning electron microscopes, and EEG spectrograms. This wonderful book puts Ramon y Cajal's life work in artful perspective; the biographical sketches and photographs at the beginning of the book provide an intimate view of the man, and the drawings ... well, they speak for themselves! Ramon y Cajal correctly derived the flow of neural-signalling traffic in the brain by studying the structure of neurons -- and he artfully indicted this flow with arrows! -- and many of his findings have only recently been confirmed by brain science. The man was a prescient genius. And, I very highly recommend this beautifully designed and printed book!

A labor of love and knowledge and beauty. The brain studies and neurological drawings of Dr Ramon y Cajal are still regarded with awe and cited at neurology meetings with deep respect! His work seems nearly incredible in its detail and careful reasoning.

Gorgeous coffee table book of Cajal's illustrations of neuroanatomy.

Met many of my beautiful neuroanatomy needs.

Love this book. Great for the coffee table and discussing with friends.

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