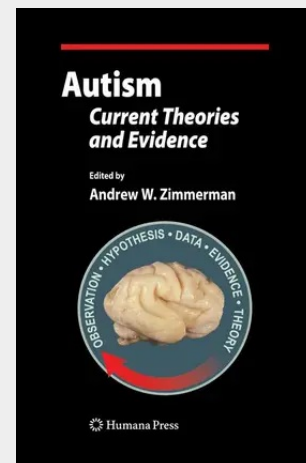


Autism

Current Theories and Evidence

Creative thinking and collaborative scientific research have advanced our understanding of autism, and we are now beginning to synthesize the data into evidence and theories. Autism: Current Theories and Evidence presents current theories about autism and the evidence that supports them. The goal is to show how the scientific method is revealing the biological bases of this spectrum of disorders, thereby leading the way to their treatment and prevention using evidence-based medicine. This book has 20 chapters divided into 6 sections: Molecular and Clinical Genetics; Neurotransmitters and Cell Signaling; Endocrinology, Growth and Metabolism; Immunology, Maternal-Fetal Effects and Neuroinflammation; Neuroanatomy, Imaging and Neural networks; and Environmental Mechanisms and Models. The subjects cover a wide range of current scientific work in the field of autism, with strong and growing evidence to support them, and demonstrate both the breadth and depth of current autism research. The reader is encouraged to consider how theories and the scientific method, in the hands of these and other dedicated researchers, are leading to greater knowledge and continued progress in autism research.

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