



The Molecular Basis of Autism (Contemporary Clinical Neuroscience)

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This book is a comprehensive overview of the clinical and scientific aspects of Autism from the leading experts in the field. The clinical section covers everything from epidemiological features to epigenetic regulation to behavioral therapies and much in between. The basic science section presents the latest knowledge on the underlying causes of the disorder including the role of various neurotransmitters, neurexins and neuroligins, reelin, and other proteins. Chapters also explore the cognition and motor control in autism and the connection between oxidative stress and mitochondrial dysfunction and autism. The thorough description of these underlying causes may help researchers and clinicians find more effective treatments and therapies for the 1 in 68 American children who have been diagnosed with Autism.

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Editorial Review

Review

“This is a timely overview of the rapidly evolving findings in the neurobiology of autism spectrum disorder (ASD). ... This collection will be useful to clinicians in psychiatry, neurology, behavioral sciences, pharmacology, and clinical genetics, as well as scientists across disciplines studying neurodevelopmental disorders. ... It is indeed a valuable addition to the libraries of clinicians and scientists working in the field of neurodevelopmental disorders.” (Latha V. Soorya, Doody’s Book Reviews, January, 2016)

From the Back Cover

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About the Author

S. Hossein Fatemi received his M.S. and Ph.D. degrees in human anatomy at University of Nebraska Medical Center in Omaha, Nebraska. Dr. Fatemi subsequently earned his M.D. from Case Western Reserve University School of Medicine. Since 1996, Dr. Fatemi has been a faculty member at the Department of Psychiatry at the University of Minnesota School of Medicine where he is currently a Professor of Psychiatry and Neuroscience and the Associate Chair for Neuroscience and Translational Research. He has studied the basis of neurodevelopmental disorders, primarily autism and schizophrenia for over eighteen years. He has also developed a mouse model of prenatal viral infection in studies of brain development, elucidated the role of the Reelin and GABAergic signaling systems in autism, schizophrenia and mood disorders, and investigated safe and effective means of treating nicotine addiction in subjects with schizophrenia. Dr. Fatemi is a Distinguished Fellow of the American Psychiatric Association, a Fellow of the American College of Neuropsychopharmacology and Collegium Internationale Neuropsychopharmacologicum, and serves as a member of several editorial boards.

Users Review

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Shannon Blackshear:

The feeling that you get from The Molecular Basis of Autism (Contemporary Clinical Neuroscience) is a more deep you excavating the information that hide inside the words the more you get interested in reading

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Carl Harber:

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Nicholas Ko:

In this era globalization it is important to someone to receive information. The information will make professionals understand the condition of the world. The healthiness of the world makes the information quicker to share. You can find a lot of referrals to get information example: internet, newspaper, book, and soon. You can observe that now, a lot of publisher this print many kinds of book. Typically the book that recommended to you personally is The Molecular Basis of Autism (Contemporary Clinical Neuroscience) this guide consist a lot of the information with the condition of this world now. This kind of book was represented how does the world has grown up. The words styles that writer make usage of to explain it is easy to understand. Often the writer made some research when he makes this book. That is why this book acceptable all of you.

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