



Special Issue Reprint

Identification and Characterization of Genetic Components in Autism Spectrum Disorders 2019

www.mdpi.com/books/reprint/5378

Edited by
Merlin G. Butler

ISBN 978-3-0365-3609-5 (Hardback)

ISBN 978-3-0365-3610-1 (PDF)



The Identification of the Genetic Components of Autism Spectrum Disorders 2019 will serve as a resource for laboratory and clinical scientists as well as translational-based researchers, primary healthcare providers or physicians, psychologists/psychiatrists, neurologists, developmental pediatricians, clinical geneticists, and other healthcare providers, teachers, caregivers and students involved in autism spectrum disorders (ASD) with the goal to translate information directly to the clinic, education and home setting. Other professionals, students and families might find this textbook of value based on better awareness, causes and understanding of genetic components leading to autism and open avenues for treatment. Genetics play a role with up to 90% of autism, with over 800 currently recognized genes contributing to causes, clinical presentation, treatment, and counseling of family members. This textbook includes 13 chapters divided into three sections (clinical, genetics, other) written by experts in the field dedicated to research and clinical care, description, treatment and generating relevant reviews for ASD and related disorders impacting gene expression, profiling, and pathways. Identification of potential risk factors will be discussed, including obesity, microbiota, malignancy, and the immune system, as well as their direct or indirect contribution to ASD treatment and causation.

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.