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# Cellular and Molecular Biology of Autism Spectrum Disorders

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## About the ebook

The etiology of ASD remains an unsolved puzzle to scientists, physicians, pediatricians, psychiatrists, and pharmacologists. The E-book addresses what is presently known concerning the pathophysiology of ASD from a cellular and molecular perspective. This E-book will explain, for the first time, the effects of immunoexcitotoxicity on the brain development, neurophysiology, and pathology. It also offers treatment proposals that address each of these mechanisms.

### Contents

- ▶ Autism Spectrum Disorders: Clinical Aspects
- ▶ The Cerebellum in Autism Spectrum Disorders
- ▶ Dysregulation of Glutamatergic Neurotransmission in Autism Spectrum Disorders
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- ▶ Immune Dysfunction in Autism Spectrum Disorders
- ▶ Gastrointestinal Disorders and Autism Spectrum Disorders: A Causal Link or a Secondary Consequence?
- ▶ Biochemical Changes in ASD

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