

## Preface

Neurodevelopmental disorders are a group of disorders that affect the development of the nervous system, leading to abnormal brain function which may affect emotion, learning ability, self-control, and memory. The effects of neurodevelopmental disorders tend to last for a person's lifetime. Neurodevelopmental disorders are a group of disorders that affect the development of the nervous system, leading to abnormal brain function which may affect emotion, learning ability, self-control, and memory. The effects of neurodevelopmental disorders tend to last for a person's lifetime. For example, autism spectrum disorder is diagnosed only when the characteristic deficits of social communication are accompanied by excessively repetitive behaviors, restricted interests, and insistence on sameness.<sup>1</sup>

In the present book, fifteen typical literatures about Neurodevelopmental disorders published on international authoritative journals were selected to introduce the worldwide newest progress, which contains reviews or original researches on presynaptic dysfunction, AMPA receptor gluA2 subunit defect, histone lysine methylation, epigenetics, prenatal nutrition, thalamus, *ect.* We hope this book can demonstrate advances in Neurodevelopmental disorders as well as give references to the researchers, students and other related people.

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<sup>1</sup> From Wikipedia: [https://en.wikipedia.org/wiki/Neurodevelopmental\\_disorder](https://en.wikipedia.org/wiki/Neurodevelopmental_disorder)